# The Mining Journal RAILWAY AND COMMERCIAL GAZETTE:

THE MINING MURRIANE NAMINANGONENCOMMERCIAL GAZETTE

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 325. -- Vol. XI.]

LONDON: SATURDAY, NOVEMBER 13, 1841.

PRICE 6D.

MINES AND MATERIALS IN IRELAND FOR SALE.
O BE SOLD, BY AUCTION, by the board of directe
MINING COMPANY OF IRELAND, on Tuesday, 7th December, 8t

RICHARD PURDY, Secretary.

TALUABLE SODA AND ALKALI MANUFACTORY.

TO BE SOLD, BY AUCTION, at Twelve o'clock for One, on Mooday, the 2-th day of December, at the Queen's Head Inn, Newcastle-upon-Tyne, all that valuable and extensive SODA and ALKALI MANUFACTORY, ittuated at Friars' Goose, within two miles of Newcastle, with number river front ge, as lately occupied by Mr. A. Clapham. The premises are held by bease, under he Master and ilrethren of King James's Hooghtal, for long terms of years, at molerate ground reuts; and the whole of the Machinery and Implements attached to the manufactory will be sold therewith, and immediate possession given.

The manufactory may be viewed, and further particulars known, on application o Mr. George Burdis, Royal Arcade, Newcastle.

IRON-WORKS FOR SALE.

TO BE SOLD, BY PRIVATE CONTRACT, the VICTORIA IRON-WORKS, in the county of Monmouth, with the valuable MINERAL PROPERTY thereto belonging. The works consist of four blast furnaces and rolling-mills, capable of making 25- tons of har-iron weekly.—Full particulars may be obtained on application to the directors of the Monmouthshire Iron and Coal Company, Harrington-place, Bath.—Dated November 2.

O BE SOLD, BY PRIVATE CONTRACT, at the NORTH WHALL ALFRED MINES, near Hayle, Cornwall, a 6-inch cylinder STEAM PUAFING ENGINE, with three hoisers complete. This engine has been at work about three years, and is considered one of the most beautiful and efficient pieces of machinery ever manufactured by Messra. Sandys, Carne, and Vivian, on whose land it is now erected. The stroke in cylinder is 9 feet, and in shart 8 feet, the well-work is of brass.—Applications to be made to the purser, Mr. William Vawdrey, at the above mine; and any forther particulars may be known by applying to the engineer, Mr. Samuel Grose, Gwinear, Cornwall.

TO ENGINEERS, MACHINE MAKERS, OR CAPITALISTS.

TO ENGINEERS, MACHINE MAKERS, OR CAPITALISTS.

PORGE, ENGINE, and BOILER MANUFACTORY, aituate in a mining discitor of great importance. This concern is now in full operation, and will be sold the immediate possession, if desired. The purchaser will obtain the goodwill, and steady demand, at a fair price for certain work required by the present owners, he premises, machinery, and the tools, are nearly new, and in perfect order. The owner required is given by a considerable stream of water, which, together with the land, buildings, offices, and a dweiling house, are held at a very moderate rent, on a sease of which thirty-eight years are still unexpired. Coal and iron abound to be immediate neighbourbrood, and the costs of both, as well as of manual labour, to law. The whole concern will be disposed of upon very moderate terms, and is ell deserving of the attention of engineers or capitalists disposed to embark in a suspact and well-established business of this kind.

Further particulars may be obtained upon application to Mr. John Taylor, 2, uke-street, Adelphi, London; or to Mr. John Taylor, jun., Cond dw. Mold, Fintier.— November 4.

TO BEAN.—PARK END COLLIERIES and IRON-WORKS, and NEW FANCY COLLIERY, the property of Edward Protheros, Esq.,

TO BE SOLD, BY PRIVATE CONTRACT, the PARK END COAL-WORKS, which have been long known as the most important and productive in the Forest of Dean, and, in consequence of the advanced age of the propertor, are now offered for sale, the legal title having just been made clear moder the provisions of a late Act of Parliament, and an increased quantity of coal warded to the property. These works are situated close to the Severn and Wystallway, which affords a fixest conveyance to both those vivers, and the various anals and railways connected with them, and more particularly to the manufacturing districts of Gloucester-siler, and the great markets of Gloucester, Chelteniam, Oxford, British, Bridgewater, and Cork. The inspection of any geological or slining map of England, will at once show that the central position of the coal-field fithe Forest of Dean naturally commands the supply of a very large portion of the restern counties of England. The acknowledged superiority of the coal is yearly screasing the demand, and the present large sale must be greatly extended when be important railways now in propress, and the local improvements contemplated, hall he compisted. The award of the commissioners under the Dean Forest Mining of divides these ocal works into three portions.

L.—THE PARK END COLLIERY, comprising the Park End Main Contemplated. FOREST OF DEAN.—PARK END COLLIERIES and IRON-WORKS, and NEW FANCY COLLIERY, the property of Edward Protheros, Esq.,

in work, and capable of yleiding about 12,000 tons a year.

3.—THE NEW FANCY COLLIERY, with three pile, now in progress of opening, new engine, and various needs buildings.—This important work is situated in the very best part of the conlideria, sho has the peculiar advantage of being easily made to communicate with either of the present railways, or a certal line. It contains shout 500 seres of untunched coal, in six veins, and will be confessedly the largest had finest colliery in the format.

The whole of the above collieries are freehold, and pay a royalty of 2d. per ton to the coal as worked, or very low dead rents, any spirited individual or company being the whole, would obtain an almost on limited trade and power of supply, but of the of the works would be not separately. Liberal accommodation in payment by instainments, if desired, will be afformed.

THE PARK END IRON PURNACES and WORKS, with very extensive and valuable IRON MINES, are also offered for only. They are let to the Porcet of Dean Row Company for a term, of which twenty-six years will be onexpired on the pith of March next, at the rost of #230 per amount, but an early #25,000 have been expended in forming these works, and almost unexampled ancress has attended the making of trous both in quantity and quality, the reversionary value of the property must be very great.

of from both in quantity who quanty, me comperties, apply to Mr. Thomas Ni-very ground.

as for the whole or any part of these properties, apply to Mr. Thomas Ni-Layliney, agent to the proprietor; or to Messer. James and Son, solicitors, in; or Messer. Tilson and Co., solicitors, Coleman street, London. If de-personal conference may be had with the proprietor, at Hill-house, News-

TO CAPITALISTS, ENGINEERS, MILLWRIGHTS, FOUNDERS, SMITHS, and others, and others, and others, and others.

TO BE DISPOSED OF, an old-established ENGINEER'S, MILLWRIGHT'S, and FOUNDER'S CONCERN the present proprietors relating from the manufacturing department; situated in London; the premises and plant have been created during the last twenty for your at a considerable cost, but from the above cause will be disposed of upon extremely favorable terms. The premises will be int on lease, and the machinery and tools disposed of all a valuation. Apply, for part culture, to John Econs. Esq., 31, Liamoin's last define.

THE THAMES TUNNEL is Open every day (except Sunday) thus. Fine in the mericing until fits in the evening, and is brilliantly fighted with gas. For vertrance at present is on the Survey site of the fivey, close to Romerbille Cherch. That perfits or the Though, forming a posetion with the shall at Rapping, as new in progress towards consistetion. Admirtances, One Billing each. By order, J. CHARLIER, Clerk to the Commune, Company's Office, Wathereak continues, Wathereak, New, 1841.

K.B.—Cincreptances to Rediscretifice, by consulture, from Frenchilly, Charling Cross, Plant and vary, and formerobarch devel | and, by steam heads, from Challens, Varadad, Lambeth, Busquetterd, the Old Shades Pier, and London Bridge, to the Tunnel Pier at Watering, Stocks, with plates descriptive of the works, are sold at the Tunnel, price One Billing.

ROYAL GEOLOGICAL SOCIETY OF CORNWALL.—At a

Meeting of the council of the society, held on Wednesday, the sent occounts.

1841, it was resolved—
That a premium of all be offered to the miners for every communication to the society, containing the particulars of new, oncommon, or important facts connected with mining operations, illustrated by specimens, as far as may be practicable; the connection to be authenticated by one of the principal agents of the mine. The value and importance of the communications will be decided by the council, who will have the power to increase the premium in cases which shall appear to then to merit it.

That a printed communication of these resolutions be sent to the agen's of all he mines, with a request that they will make them generally known, and will second the views of the society by their own efforts.

By order of the council,

(Signed) 1. B. Will.LAN.

Persance, November 9.

COMBMARTIN AND NORTH DEVON LEAD AND SILVER

R HYMNEY IRON COMPANY.—The ANNUAL MEETING

ST. JOHN DEL REY MINING COMPANIA SHILLINGS per share on the share is this company, and that the same is to be paid on the 9th day of November instant, to Mesers, Barclay, Bevan, Trittan, and Co., for account of the directors—It is provided for in the prospectus, that in the event of those payments of the directors—It is provided for in the prospectus, that in the event of those payments. he directors —It is provided for in the prospection, that in the event of those payments not being made within fifteen days after the same shall become due, the directors shall, at the first convenient opportunity, self the shares so in default, and rid the proceeds thereof (after deducting the amount of the instalment due hereon, and interest at the rate of 5 per cent. per annum at the disposal of the captictors thereof.

3. Tokenbouse-yard, Lothbury, Nov. 9.

The bankers' receipt is to be brought to this office, with the certificates of the haves, to have the payment endursed thereon.

RISH WASTE LAND IMPROVEMENT SOCIETY.-Third Call of 27 or share.—Notice is hereby given, that the directors have, under the powers of the Act of Incorporation, made a THIRD CALL on the proprietors of 21 in respect of each share in the said society, and that the said call is required to be paid to some one of the undermentioned banks, on account of the society, by we instalments of 2 is each, the first of such instalments on or before the 15th of April. 1821.—London—The London—The London—The London Joint Block Bank, Princes-street, or 40, Pail-mail. heland—The National Bank, Dublin, or any of its branches.

By order of the directors,

37, Old Broad-street, London, Nov. 11, 1841.

MARGARY'S PATENT IS THE CHEAPEST AND BEST FOR THE PRESERVATION OF TIMBER, CANVAS, &c., PROM DRY-ROT, MILDEW, AND DECAY.—This patent is used by her Majesty's Board of Ordnance, by Messra, Braniel, Locke, and other ceintrated engineers, and by noblemen and gentlemen on their estates. It has been extensively used for raticosies in England, and is now employed in Prance for the Paris and Rouen line. The material used is not did, a lb., it repels the attacks of insects, and neither the white ants in India, nor the tiredo navalla, so destructive in the Liverpool dock, will touch any substance so oregared.

Prospectuses and specimens to be seen at Mr. Margary's office, Quality-court, Chancery lane.

PARISIAN BITUMEN COMPANY, Millwall, Poplar.—The directors of the abovenance company beg to call the attention of engineers, architects, surveyors, builders, and the poblic generally, to the applicability of the BITUMEN manufactured by them, as a pavement or flooring, also for its use in covering achees for the prevention of damp and preservation of the mannery. They beg also to state that it has been used very unccentfully as a cement for mannery on the wells of the Upper Medway, and is particularly applicable to hydraulic works and foundations of heavy buildings. They beg to outbeat the following lied of prices, and to state that they will guarantee the durability and efficiency of any work executed by them:

Covering vinducts or arches of bridges, vanits, terraces, &c., 14 inch thick, a. 4 per square yard.

Paving pallsways, kitchess, cellars, granaries, malt houses, werehouses, &c.,

TO BE SOLD, TWO 100 THE SHARES IN ROSEWALL HILL

MINE is the county of Cornwell; the ledge of St. Ives Consets Mine, which have been very princetive, and see still perform the adventures of Gas. Fro, calls cloth inc., its horse of Gas. Fro, calls cloth inc., its horse many performable the interest of Gas. Fro, calls cloth inc., its horse with St. Ives Consets, it also in the interesting corrected and adapted to the present agency productive with St. Ives Consets, it also in the interesting to the county of Cornwell; the horse very princetive, and see still perform the adventures of Gas. Fro, calls cloth inc., its horse to have been very princetive, and see still perform the adventures. The county of Gas. Fro, calls cloth inc., its horse to deep side, and is now in full covera of working, with every prospect of success.

NEW MECHANIC'S MAGAZINE.

To be published this day Subarday, 16th New) and delivered in the principal towns at over the country on the lift or 19th, No. II. of a new periodical, certified in two principals and over the country on the lift or 19th, No. II. of a new periodical, certified in over the country on the lift or 19th, No. II. of a new periodical, certified in the principal structures, and the principal structures and over the country on the lift or 19th, No. II. of a new periodical, certified in the principal structures, and the principal structures and over the country of the Properties of the Physical Sciences, General Liberators, and Journal of the Properties of Interestines, and content of the Physical Sciences, General Liberators, and the values improvements in arts and necessary, physical sciences, greater than the principal very series of the values improvements in arts and necessary, physical sciences, generally and the values improvements with numbers of the States of the values improvements in arts and necessary, physical very series of the values improvements. The college of the physical very series of the values improvements in arts and necessary physical very series of the v

THE INVENTORS' ADVOCATE, AND JOURNAL OF INDUSTRY A WEEKLY BESTIGHT and FORESCH MISCUELLANY of SCIENCE, INVENTORS, MANUFACTURES, and ARTS, is the storet control and comprehensive work of the blad pathilists. It contains the suiscotific intelligences of the road pathilists. It contains the suiscotific intelligences of the road pathilists of animals and disam intelligences into of pathilists are actively and disam intelligences. But of pathilists proceed and experience, a specific practical particular interestings, and original papers on measurisations and the spirits of active of interestings interestings, and original papers on measurisations and the spirit with a ratificity of information interestings to be according to the control of interesting to the force of a manufact work of references, valuable to permute of interesting to the force of a manufact work of references, or other processing beautiful. Under the control of pathilisation, and the processing from its processing from its pathilisation with the pathilisation of the pathilisation, and the pathilisation, primiting possessing from its pathilisation with the pathilisation of the pathilisation, and the pathilisation, and the pathilisation of the pathilisation, and the pathilisation, and the pathilisation, and the pathilisation of t

THE EARTH-ITS ORIGINAL CONDITION AND ANTIQUITY

Railway exacurations are no way adapted for prological observation, and bet little can be insured from that they of a stemabust. If you wish for understand the structure of the earth, you must take your hand, and pereginate through the breadth and length of the land; ascend the hill, dive into the ravine, descend the mine, explore the river, and investigate the shore. Unless you can undergo this futigue for the sake of truth, and the acquirement of innevice, geology will mere recompletely open up by treasures to your understanding; read, and speculate, and wonder you may, but unless you are a vertiling you can were be a presented geologist. But though all are not capable of understanding the blocked of the sake of th

and mice state as depositions of matter derival from the grainter more of the giulie. Its state of crystallisation shows its former fluidity, for fluidity is indispensable to the process of crystallisation; and become, from the matter of granulte, as well as the figure of the carib, we are marranded to believe in its original fluidity. The only cause of that fluidity could be beet, and the radiation of that heat the cause of its ultimate solidity. The onesse density of the carib has been estimated at five times that of water, or twice that of the known solid solvetances, taken together, which constitute the crust. It becomes, then a question, in what state the interior meases are it—are they solid, fluid, or seriform? In whatever state they exist, it must be evident they are much more dense than the exterior meases. This superior density tony arise either from the substances being maturally heavier, under expant conditions, or it may result from the greater compression to which they are underted from the experimental meases. Sir John Lexilis computed that sir, under the height of quickaliver; under the depth of 93 selles, would be compressed to half its former balls; and at a further depth it would acquire the weight of quickaliver; unter, at the depth of 93 selles, would be compressed to half its former balls, and at 36/24 solies would be a decom as quickaliver; and that sir, from its granter compressibility, would acquire the same density as unter, somer than

water would reach the condensation of marble. From these fasts he concludes that our planet mout have a wide concerns structure, and that we freed on a crust or shell, whose thick sens beers but a small perportion to the diameter of its sphere. "An absolute void being inadminible, the wast subterranean cavity must be filled with some very diffusive medical of autonishing elasticity or internal repulsion among its molecules. The only fluid we know possessing the A character is light itself, which, when imbodied, constitutes elemental heat or fire." "This spacious internal want," he concludes, "must coutain the purest ethereal easence, light, in its most concentrated state, abining with introse refulgence, and everpowering splandour!" We offer no opinion as to the plausibility of this very brilliant speculation, we only adduce it as an instance to what fancy may lead, when the actual condition of the substances speculated upon is untirely removed from observation.

very brilliant speculation, we only adduce it as on instance to what fancy may lead, when the actual condition of the substances speculated upon is entirely removed from observation.

That the central parts of the earth, however, are warmer than its exterior crust, is preven by numberless experiments made in deep mines, coal-pits, and from the waters of Artesian wells. The result of these experiments has been to show, that the earth increases in temperature at the rate of 1 deg. Pahrenheit for about every fifty feet of descent from the surface, increasing in a greater ratio in its descent. Should this heat continue to increase in the same ratio, on descent beyond ascertained depths, it is evident that the central parts of the earth must be intensely hot—assipposition that well secords with the existence of active and extinct volcanoes and thermal springs, the production of those vast masses of molten matter which in every age has been poured out from subterranean sources; and above all, with the altered condition of the metamorphic and primary strats. The admission of central heat, and of the ancient fluidity of all terrestrial matter, involves important considerations as to the remotraces of the period of original-consolidation. Bodies radiate their heat according to a fixed law—vis., a holy loses one-half less heat in any given period than in that which preceded it; that is to say, if the earth lost one degree of heat in a hundred years, in the following hundred years it would only less one-half of a degree. Lapiace applied his great powers to the calculation of the time required for the refrigeration of the earth in any given time; and found that many hundreds of millions of centuries must have elapsed since the crust of the earth could be materially different in temperature from what it now is—its decrease of temperature at present not being more than one-twentieth of a degree in a million of centuries!—

#### SPECIFICATIONS OF RECENT PATENTS.

NEW MODE OF OBTAINING MOTIVE POWER.

NEW MODE OF OBTAINING MOTIVE POWER.

William Petris, of Croydon, gent., for a mode of obtaining a moving power by voitain electricity, applicable to engines and other cases where a moving power is required, Oct. 37.

The following arrangement of machinery is employed by the patentee in carrying out his invention:—Two rectangular helices, crossing each other at right angles (one helix including the other), are fixed in a mitable framework, and through the middle part of one end of each helix, where they cross, a transverse hole in formed, through which an axis passes, extending to where the helizes cross each other at the opposite code, and working is suitable bearings at each end of it. On that part of the axis which is within the helizes a unabler of magnets are pinced, with similar poies adjacent, being sectioned in a drum or cylindrical case, to reduce the resistance of the air; and between every two magnets case, to reduce the resistance of the air; and between every two magnets some not substance, such as pattriouri of fist, is pinced, to prevent vibration, and keep the magnets at proper distances apart.—An electro-magnet, or magnets, may be substituted for those permanent magnets, if preferred.

To the outer end of the axis a current changer is connected, revolving with it, but as it forms no part of this invention, a description of it is unnecessary. The current of electricity from a galvanic battery, which is connected with the current of electricity from a galvanic battery, which is connected with the current of electricity from a galvanic battery, which is connected with the current of electricity from a galvanic battery, which is connected with the current of electricity from a galvanic battery, which is connected with the current of electricity from a galvanic battery, which is connected with the current of electricity from a galvanic battery, which is connected with the magneta, that they will lie parallel with one belix, when the current has passed half through the shirt, through the first-mention

IMPROVEMENTS IN STEAM ENGINES.

James Sims, of Redruth, Cornwall, engineer, for certain improvements in deam-engineer, Oct. 29.

This invention consists in a new method of constructing and working dram-enginee, by means of which equal quantities of steam are enused to do greater amount of duty than has hitherto been performed by the like quantities. At its applied to an ordinary Corolah single pumping-engine in the biliowing manner:—The cylinder of the engine is made of double the usual engith, and is divided into two parts, the under part being about four times he area of the engier part; it is provided with two pistons, attached to one oil, one pistons working in the upper or smaller part, and the other in the ower part of the cylinder. The remainder of the engine is the same as usual, with the exception of the steam and cabaustion pipes necessary for carrying at the invention.

rmi, one piston working in the upper or smarry party of the sylinder. The remainder of the engine is the same as usual, inver part of the cylinder. The remainder of the engine is the same as usual, with the exception of the steam and exhaustion pipes necessary for carrying out the invention.

The following is the mode of working the engine, the description commencing just as the engine has completed its upward stroke, and both pistons are at the top of their respective cylinders, with a nearly perfect vacuum between them, established by means of an exhaustion pipe:—During the pause which takes place in these engines, between the up and down strokes, the under part of the cylinder is opened to the condensary, by which means a nearly perfect vacuum is also established below the lower or larger piston; stream is then admitted from the boiler on to the top of the upper piston (being cut off at one-third of the crucke), and by its pressure there, acting quit off at one-third of the crucke), and by its pressure there, acting quit off at one-third of the crucke, and by its pressure there, acting quit off at one-third of the crucke, in the condensate of their respective cylinders. The partially expanded steam above the upper piston, is now led down by a pipe to the bottom of the cylinder, where, expanding to its full extent under the inwest pistons, and aided by the vacuum between the two pistons, it causes both to reasecoid in the tops of their cylinders, with a force about equal to that which was exerted in the down stroke.

Chim.—The mode hereinhefore-described of constructing steam-engines to be used capansively, with one cylinder, divided into two parts of different areas, and with two pistons attached to one root, whereof the one fits the upper sof the cylinder. Also the method above-baseribed, of employing the steam used in effecting the down stroke, to preduce also, or assist is producing, the up or return stroke.

The Dane Escaves.—We learn, with great satisfaction, that this invention has been successfully applied as a lecomotive power for railways. An engine on the disc principle baving been supplied to the Birmingham and Gloscouter Railway Company, trials have been made within the last few days, in the presence of several practical engineers connected with railways in this district. Although the forther presecution of these trials has been pustponed by the occurrence of an accident, ample proofs were afforded to establish the perfect satisficility of this simple machine for locametric purposes. It was pertinainly observed by the engineers, that the disc locametre, when running at high relocities, was free from the visions recking motion which is produced by angines of the ureas construction. The value of this possible qualification, as providing for commonly in greater safety at high speechs (for which this ongine appears to be permitted as the important item of wear and trar, and more especially as conducing to greater safety at high speechs (for which this ongine appears to be permitted by without the simplicity of its construction, and Herly suitable, will be self-ortified. Parties who have inspected this engine have been much struck with the simplicity of its construction, and particularly of the parts required for connecting it with the driving wheels, as compared with the usual horomotive outlines; and it is obvious that this simplicity must prove a saving of cost in the first outlay required for horomotive power, and a still more important saving in the constant experience of repairs. We feel greatly inderested in the successful issue of these trials, as we consider the invention to belong to one own district, a company having been formed for the manufacture of the disc engine in Diveringham. We hope to be enabled to give a detailed amount of the feature experimental performances of this engine.—Midliand Constitute Hild.

ARTEGIAN WELL OF GERNESS. -- M. Arago mentioned to the Academy of Solesacue, at the late meeting, the obstacles next with in linding the bore of the well of Gresselle with a metallic tube. In one part the take had been equeenct, by lateral presence, into the form of the figure 0; in Souther into that of a crossest. The course of these pressures was entirely unknown; all the lining would have to be taken cost; but this was finand to be a work of the green tool difficulty, and only like itset of tubing lead hi-therto been entracted.

#### LAW INTELLIGENCE.

ANTI-D'AY-ROT COMPANY-IMPORTANT CASE.

ANTI-D'AY-ROT COMPANY—IMPORTANT CASE.

COURT OF EXCHEQUER—SOVEMERS 6.

DALY C. TROMPSON.—This was a special action on the case against the defendant, as the public officer of the Anti-Dry-Rot Company, for not registering certain serip certificates of shares in the said company at the instance of the plaintiff. In answer to this the defendant pleaded not guilty and also that the plaintiff had no property in the said certificates. At the trial before Lard Abinger, at the last Middlesex sittings, it appeared that, on the original formation of the company, serip certificates were issued according to the usual castom, which were registered un being presented by the holders—the Act of Parliament limiting the number of registered shares to 10,0001. By some contrivance, however, some of the acrips so presented got abroad again, the result of which was, that the value of the scrip certificates fell to a great discount; during which crisis the plaintiff purchased the certificates in question on speculation, and presented them for registered. The defendant, however, refused to receive them, as the number limited by the Act had already been registered, and the Lord Chief Baron being of opinion that the plaintiff could not enforce his action under the circumstances by which he had become possessed of the scrip, ordered a sonsuit to be entered, leaving his learned counsel to take the opinion of this court upon the propriety of that opinion.

Mr. Ent. accordingly moved to set aside that nonsuit, and for a new trial, on the ground of misdirection, submitting that though the plaintiff bad bought the scrip certificates were not valid, and such as to catific him to have them registered. It might will be that some of the 10,000 actually registered were themselves twice registered.—Rule aist granted.

On Friday, the 12th last, the above case was again brought forward, when

On Friday, the 12th inst., the above case was again brought forward, when it was argued on part of the company that the directors were bound to register 10,000 shares and no more—which number had been accordingly registered. It was asserted on the other side that the directors were bound to prove that the 10,000 names entered in the register were bound; the members of the company, and that they had a right to be there; it was for the directors to prove that the plaintiff had no claim to be registered; he (the plaintiff) produced a certificate signed by three of the directors of the company appointed by Act of Parliament.—The Court, as the case was one of great difficulty, took time to consider the judgment, since the company might be ruised by an adverse decision.

#### COMMERCIAL STEAM-PACKET COMPANY.

COMMERCIAL STEAM-PACKET COMPANY.

SKCONDARIKS' COURT—NOV. 9.

CORY e. BLEADON.—This was an action brought by the plaintiffs, who are extensive coal merchants at Old Barge-house, Blackfriars, to recover from the defendant, Mr. John Bleadon, the registered scretary to the Commercial Steam-packet Company, the sum of 63494. 16s. 3d., and interest thereon, amounting to 65644. 1s. 11d., for thirteen bills of exchange, which had been given for coals supplied by the plaintiffs to the above company.

Mr. Strunns (solicitor for the plaintiffs), stated that judgment having been allowed to go by default, the jury were only called on to assess the damages, and be should adduce witnesses to prove the delivery of the coals, and the dishonour of the bills of exchange.—Witnesses were called to prove these facts, and the jury, under the direction of the learned secondary, returned a verdict for the plaintiff for 65644. 1s. 11d.

TRANSACTIONS IN RAILWAY SHARES.

COURT OF EXCHEGURA—NOV. 10.

FALKNER v. MACKAY.—This was an action for money had and received by the defendant to the use of the plaintiff, and was tried at the last assigns for Liverpoot, when a verdict was found for the defendant.

Mr. STUART WORTLEY now moved for a new trial, on the ground that evidence had been improperly rejected at the trial. It appeared that the action was brought to recover the value of certain shares of the London and Birmingham Railway Company, deposited with the defendant, in the character of a banker, to secure advances of money. At the trial it became necessary, in order to show that the shares had been sold by the defendant, to identify the particular shares, by showing the numbers of the certificates; but as the certificates were not produced, or notice given to produce them, the learned judge refused to admit secondary evidence of the numbers. The learned counsel contended that such evidence ought to have been admitted in the same mancer as if it became necessary to identify a coin, or any other chattel.—The Courar was of opinion that the evidence had been properly executed. The rule of evidence was only applicable to documentary evidence, but in the cases to which it applied it was a well understood rule, and it was better to athere to it, although it night operate hardly in a particular case.

Hule SPECULATION MANY.

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### ON THE FORMER EXISTENCE OF GLACIERS IN NORTH

ON THE FORMER EXISTENCE OF GLACIERS IN NORTH WALES.

At the late meeting of the Manchester Geological Society, Mr. J. E. Bowman, F.G.S., read a paper "On the Evidences of the former existence of Glaciers in North Wales," of which the following is an abstract:—At the commencement of the paper the author stated that the recent discovery of glaciers in Scotland, and the North of England, rendered it probable that similar appearances would be found in North Wales, the circumstances of geographical situation being much alike. In Switzerland, the greater ultitudes of the mountains, and distance from the sea, more than counteract the increase of temperature arising from being 10 deg. nearer the equator; and, therefore, on this view, assuming the theory of Professor Agassiz, of a guseral reduction of temperature in the northern hemisphere at a remote period, the mountains there might be enveloped in ice and snow, while those of Hritain might be free from them. But it is well known, that the Alps are of more recent origin than the older rocks of Britain, and have been elevated since the tertiary period; it is, therefore, possible, considering their altitude, and higher latitude, that the mountainous district of our island might have been the seat of more intruse cold than Switzerland, which was at that time without lofty mountains, and in a much warmer elimate.

In the course of his investigations among the schistose rocks of North-Wales, during the late summer, the author visited many high and unfrequented tracts, where it seemed probable, if anywhere, that evidences of ancient glaciers would be found. He examined many of the valider on the east and south of Snowdon, the Arengs, and the north end of the Berwyn chain; of the moorland hills of Deabsphshire, if any where, that evidences of ancient glaciers would be found. He examined many of the valider on the east and south of Snowdon, the Arengs, and the north end of the Berwyn chain; of the Bolyman can be the search of the Berwyn chain; of the moorland hills of Deabsph

PROGREDINGS OF FUBLIC COMPANY.

A general secting of the proprieture of shares in the above speculation was held at the Foremason's Tavers, on Thursday, the 11th instant.

H. STEWART, Esq., M.P., in the chair.

The CHAIRMAN commenced the proceedings, by informing the meeting that the last time they adjourned it was fur the purpose of giving the patentess more time; Sir J. Anderson's letter had attact that he had a carriage ready for delivery, but up to the present time they had heard nothing of it. There were two questions to be decided—first, whether they should dissolve the company, and each receive the portion which was still in hand of the deposit of 4s, per share? and, secondly, whether Sir J. Anderson should have further time given to him to see if the could full his ongayements? An Irish company had succeeded in getting carriages, which he heard had realised their expectations.

Mr. JOHNS stated that the carriages for the Irish company had been made by Sir J. Anderson, but he had vitnessed the success of the two carriages made in Ireland under Mr. Rogers—was there any representative of Sir J. Anderson, but he had vitnessed the success of the two carriages made in Ireland under Mr. Rogers's superintendence—one was for speed, and the other for goods. He then gave a long account of the carriages, and a journey that was snade in the heavyone, stating that in the most inclement weather, with the roads in some parts covered with water to the depth of from twelve to eighteen inches, the carriage went on in heautiful style, mounting hills with a rise of one foot in tea, and one foot in twenty-two, where the road was so bad that the carriage went on in heautiful style, mounting hills with a rise of one foot in tea, and one foot in twenty-two, where the road was so bad that the carriage did its twenty the company for the money advanced to make them.

Mr. JOHNS inquired how it was that the Irish company had a perfect carriage, when they were faished, instead of being sent to England, were more gard to the Irish com

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and the meeting adjourned, the proprietors expressing their dissatisfaction at having been made fools of by the patentees for the last four years.

METROPOLITAN PATENT WOOD PAVING COMPANY.
An extraordinary general meeting of the shareholders of the above company was held on Saturday, the 6th instant, at the offices of the company, Mülbank-row, Westminster.

CHARLES HULSE, Eq., in the chair.

The CHAIRMAN announced that he believed the shareholders present represented no less than 14,026 shares; the meeting had been called as soon as the directors felt they could conscientiously do so for the benefit of the shareholders.—The report of the provisional committee of directors was then read by the SECRETARY (Mr. Prosser), from which it appeared, that, in accordance with the terms of the prospectus, the entire number of 15,000 shares of 104, each had been subscribed for, upon which the deposits of 24, per share was paid, placing a sum of 30,0004, to the credit of the company; that upon the contracts lately completed, the committee had the satisfaction of announcing a profit of 19054. 11s. 4d., from which the sum of 9176, 8s. 10d. being deducted for current expenses up to December 25, 1881, would leave a balance of 9684. 2s. 6d., exclusive of the profits arising from the contracts to be completed before the expiration of that period; that it was confidently expected that a dividend of 34, per cent. upon the paid-up capital, before the expiration of the current year, would be announced; that of all the work yet laid down, not one shilling had been expended in repairs. The report concluded by stating that it was not too much to assume that in the course of the next succeeding years the properitors might look forward for divideads ranging from 10 to 15 per cent.—It having been moved and seconded, the report was unanimously adopted and agreed to.

ranging from 10 to 15 per cent.—It having been moved and seconded, the report was unanimously adopted and agreed to.

CLARENCE RAILWAY.

A special general meeting of the proprietors of the above undertaking was hold at the Town Hall, Stockton, on Thursday, the 4th instant.

H. VANSITTARY, Eq., in the chair.

The requisition calling the meeting having been read, the CHARMAN stated that the meeting was called to take into consideration the present state of the company's affairs, and to skermine upon the best course to be pursued for the welfare and future management of the concern.

The request of Mr. Blanchard to be allowed in read the proceedings of the special general meeting bell in Loadon on the 29th uit., was granted, and some recriminatory conversation council, after which Mr. W. Skinnka moved—"That this meeting views with feelings of deep regret the unfavourable position in which the Clarence Hailway Company is now placed, and deems it highly expedient that active measures be adopted to render the management of the affairs more economical and efficient, and more fully to develope its resources,"—After considerable discussion, the motion, being seconded, was carried.

Mr. T. Walken then moved—"That it is the opinion of this weeting that the interests of the Clarence Railway will be best promoted by the executive management being conducted in the country—that the board meetings should therefore be held at Stockton—and that it is desirable now to take immediate steps for carrying this object into effect."—A very lengthened discussion then took place, Messrs. Blanchard, Morrice, Milton, Blackett, and Sangster, strongly objecting to the motion. On its being put to the vote, the show of bands was an follows:—For the motion, 356; against the motion, 95.—Majority for the motion, 270.—A claim was then small province, which had been recently forwarded to Mr. Jackson, in seference specially to a mountry management, should be recorded as vates, subject to a future determination whether they could be considered legal

ON THE COMBUSTION OF ANTERACITE—ITS VALUE AS A FUEL DOR STEAM-ENGINE AND OTHER PURNACES.

BY ANDREW FYER, M.D.

(Resed at the Insultation of Crid Regimeers.)

Authracite, although known as a valuable fuel for particular purposes, is a difficult of combustion, that it has hisherte been very partially brought into use; it has, however, become desirable to introduce it more generally and the author having been engaged in testing the value of Mr. Hell's particular formace, was induced to make some experiments on the use of authracite in conjunction with that system. The objects snught to be induined by the apministred with the products of combustion, through timbes in the boiler an immired with the products of combustion, through timbes in the boiler and autornounced by the water, thus increasing the evaperating surface; and that the surprise caloric takes originally from the fuel, and not given out in its passage through the water, about the beneficially used in adding the combustion beneath the boiler. It has been found in the manufacture of iron that authracile could be advantageously used by means of beated air; the arthur, therefore, considered that the experiments upon this apprartus (the afforded an advantageously used by means of beated air; the arthur of the could be successfully employed us der steam-hoilers.

The anthracite supplied to the author was unfortunately of inferior quality, analysis giving only of fixed carbon 71-4, and of volatile inflammable matter 13-3; the acting of the boiler required much alternative before sufficient draught could be procured. The fast was thrown on to the base by hand, which is the worst manurer of using it, as from it density, and its being a visualy warmed—this was found to occur for a short time, but on the special could be procured on the procured of the carbon to successfully up to acretial intensity before commenting, and was left in the same state at the end of the experiment; this mode of proceeding, although visual particular that the process of the process of

the seri secondary wave the proportion single one between descriptions, to specify a secondary depoid of the proportion of the class region of the secondary of the company. A special current control of the secondary of the control of the company's office, and is a secondary of the company of the company

EXPRAIMANTS OF 2818. ESPECTS PAROUNCES BY COMPRESSION of Solvense, and Turchty week, some actions offsets of the compression of all, without the hard presents which he had averated for sinking shafts of coat jult in the property of the pr

NDREW SMITH'S PATENT WIRE ROPES, for standing rigging, lightning conductors, stropping of the argones; about half the size and weight of hy-ry. Testimonials to that effect, with specimens, obtained, at the office, 37, New Broad-street,

. Liverpool. Newcastle on-Type. Gunn ...... L beatts, Clements's-lane, High-street. D

ANDREW SMITH'S PATENT WIRE ROPE.

ANDREW SMITH'S PATENT WIRE ROPE.

Is rope has been in one for standing rigging in her Majesty's Navy, and in a number of merchant ressels, for opwards of six years, and is giving the high-disfaction; the rope is also employed in various mines and rail ways in different of the kingdom.

RON ORE.—The Advertisers are ready to contract for the supply of a quantity of IRON ORE from the PENMORFA IRONSTONE UARRIES, at a mo-derate rate, delivered on board a vessel at the port of Portador, hourst Wales.—The stone may be seen by application at the works, near remador; and for treaty apply to Mr. Smith, agent to the Cefn-du Siate Company, were recon-

N SALE, a new 12-horse high-pressure STEAM-ENGINE, with or without boiler.—For price, and other particulars, apply to George, tron merchant. Ac., Unperhead row, Londa.

TO COAL PROPRIETORS, RNGINEERS, AND OTHERS.

O BE SOLD, BY PRIVATE CONTRACT, FOUR excellent double acting condensing STRAN-RNGINES, of 2s, 11, 6, and 4-horse power certically, the whole are in excellent condition, and have been recently at work, or further particulars, or to treat for the purchase, application may be made to Woodhouse, colliery viewer, Overseal, near Ambly de la Zouch.—Oct. 12.

### MEETINGS OF SCIENTIFIC BODIES.

IN THE ENSUING WEEK.		
SECIETY. PLACE OF MERTING. DAY.	#6	UR.
Boyal Botanical Regent's park Saturday		P. M.
Statistical Monday Martin's place Monday		P.M.
eledical Bolt-court, Fleet-street Monday		P.M.
Linnean		P. M.
London Electrical Adelaide street Tuesday		P.M.
Chemical		P.M.
Society of Arts Adeiphl Wednesday		F.M.
Geological Komerset House Wednesday		P. M.
Royal Thursday		P. M.
Antiquaries		P. M.
Botanical 20, Bedford street, Cov. g. Friday		F. M.
Borel Asiatis 14. Grafton-street Saturday		F. M.
Westminster Medical Exeter Hall		P. M.
Mathematical Crispin-street, Spitalfields Saturday		P. M.

#### PUBLIC COMPANIES

Imperial Brazilian Mining Ass'n. London Tavern  Mew Realand Company Office.  Barmony Iron Company 7, Lowrence Pounts British Iron Company London Tavern  Bisternian Mining Company 52, Lower Donnick- South Easter Hallway London Tavern	ey bill 17 1
London and Blackwall Railway 21. Nov. 16. Office Alten Mining Association 11. 20. 34. 1 South Asstralian Company 24. Dec. 1 Gipt Cambrian Iron and Specier Co. 24. 29. Lon Irish Waste Land Im. Society 11. Jan. 1h. As fi	iroad street buildings, and Co. ton Joint-Stock Bank. rfner calls.
Booth Caradon Mine 104 p. 128th sh. East Cor. Combinartin & N. Devon Mine 14, per share W. of En	nwall Bank, Lisheard

#### NOTICES TO CORRESPONDENTS.

TALLOUR COAL AWE LEW COMPANY.—It is only justice to Mr. Hornidge, whose name appeared in our last we are report, to state that the representation made by him of the refused on the part of the Dublin directors to allow the books and other documents to be delivered out, was herne outly the fact that Mr. M'Master, one of the Dublin board (who, in his letter to Mr. Ashorst and Mr. Taylor, repudiated such a charge being alleged arainst them), did, as chaircan of the board, sign the resolution instructing Mr. Russell, the secretary, who brought the several documents to London, allowing of ready access, but by no means that they aboutly asso out of his possession. Truly these gority are a queer set. This explanation is necessary to set Mr. Hornidge right, by showing that Mr. M'Master was in the wrong.

M'Master was in the wrong.

Assus "... We have already devoted so considerable a space to an exposition the nefarious transactions of the Talacre conspirators, that we must in frequently the insertion of communications to those containing matters of sometimetry of a novel character than the two lost forwarded by our correspond We think, on reflection, he will apreced with us, that no further good can at sent result from a more repetition of the charges so frequently urged against consectors, and with which our readers must be, as, indeed, we are highly a we shall, however, he happy to hear from "Argus" when anything may transactive.

racepire.
's " investigation of Mr. Knox's problem in our next.

We are compelled to postpone the Table of the Sales of Ore at the Cornish and Swar ses Thirtings for the last three years, showing the locrease or decrease in the re turns from each mine, until our next, when it will appear, together with expla

this morning-R. Pinton-R. Tregaskis-U. Thompson-" R. B. W. -We hope next week to be able to visit the district in fouth Wales noticed

Ham, ... We are without the expected communication, and cannot well ac for the allence observed.

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In consequence of the numerous applications made to the Rhitter on subject of Adr.

Framents which have appeared in the columns of the Minimo Junium 1, with

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If retilizers, arrangements have been preticity effected, whereby all informations

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and mining maderials for dispensions may be consulted and obtained. Experience

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perfects, and cognets, on minored property and mining undertakings.

### THE MINING JOURNAL, Mailway and Commercial Gaiette.

### LONDON, NOVEMBER 13, 1841.

Our attention has of late been so much occupied with our home mines, and the "doings" of certain folks inclining from the City of Landon (where they are ably represented by Mr. Alderman THOMAS TALACRE WOOD) due north, or nearly so-embracing the busy B's, who appear still to be gathering honey although the summer is past, while the Northern Coal Mining Company is still Perstared by their very able (in one sense) viewer and director-that we have in some measure lost sight of other subjects more deserving attention, although not of immediate moment. It is not of the one or other of these sad "doings " that we propose making any remarks on the present occasion, but to direct attention more especially to the mineral resources of a district hitherto only partially proved, but which, from the reports before us, promises to be of sid to this country, on which it is dependent, in providing for itself by its own resources.

We are indebted to Mr. A. Gunnum for several communications on this subject, and have Awaited a further communication from and readers the power stone available, which otherwise would, in that gentleman; with the view, however, of bringing the subject many cases, be valueless; but we do not know of any practical sch information as we have acquired, which will, doubtless, he adertakings in New Brunswick would have been "scouted," and invation of which we are not in possession.

looked upon as the act of a visionary; yet with the little enterprise which has been displayed (to take one instance of the progres made), we find that 400 chaldrons of coal per diem have been shipped from Picton alone for the United States. The Government have also, as we are informed, lately granted several "mining leases," and a new spirit seems to have sprung up, aided, no doubt, by the capital and enterprise which is ever to be found in the Mother Country.

It is true, that in all new countries the progress of mining operations is slow, and this arises from the difficulties attending the discovery of useful ores, and the outlay often required to bring them into profitable employment; while it is certain that the elevated condition of Great Britain is to be attributed to her vast and almost inexhaustible mineral deposits. From them her manufactories are supported, her commerce sustained, and her power increased. It is equally certain that, in other parts of the world, and more especially in Nova Scotia, there are extensive coal-fields, with iron and other important metals in abundance; but, in order to bring these objects into successful operation, both money and labour are required; while it cannot be expected, as our readers are well aware, that every mining project can be successful—this has never been the case. Of two coal leases obtained from the Provincial Government of New Brunswick, during the past year, one, we are informed, must prove abortive, from the lack of that knowledge which is so necessary to the miner, and which should, in every instance, be secured before expensive operations are commenced. Like all important and new undertakings, the geological exploration now in progress in that country has been, we are given to understand, condemned by many well-meaning persons; but we are glad to find that it is gradually opening a field of enterprise-it is bringing foreign capital into the province, and making the true character of the country better known. Such, in substance, are the remarks of a correspondent, who has more particularly directed our attention to this province, and to which we have oft wished to refer, having been favoured with several communications from Mr. A. GRENER, whose opinion on the mineral resources of New Brunswick may be gathered from the following report submitted to the Governor, with a copy of which we have been favoured :-

wick may be gathered from the following report submitted to the Governor, with a copy of which we have been favoured:—

As. John, 27th Sept.

Having recently mode a geological examination of the county of Kent, and a part of the county of Northumberland, I beg leave to transmit a brief report of my explorations, agreeably to the request of his Excelency the Licutenant-Governor, for whose satisfaction it is suismitted. Information has been received that indications of coal had been seen at the Tedink River, in the county of Westmorland, near the site where the probability of its existence had been previously noticed. Upon an examination of the banks of the river, the outcropping of coal measures was discovered, with a superficial stratum of coal, eight inches in thickness. The occurrence of the usual shales, with a perfect and continuous stratum of coal, renders it almost certain that there are far more extensive deposits beneath, which, from the horizontal position of the strata, and thick covering of defittal matter, do not appear at the surface. Another outcropping of coal was discovered by my son, on a branch of the Cocarpe River, in the county of Kent, and within two and a hair miles of the harbour. The superficial coal stratum at this place is situated in the bed of the stream, three feet beneath the water, which redness its admeastrement difficult, unless the rocks were bored. It appears, however, to be sufficiently thick to be worked advantageously, and the inhabitants are now preparing to raise a quantity of it for domestic perposes. Outcroppings of coal also appear on the Buctuoche and Bichebucto Rivers, but the altonibus where the upper coal stratum appears in this manner are too nunerous to admit of has ing their particular details given on the present occasion. The discovery of coal in this part of the grean New Broan-wick coal field by inches in indications where the upper coal stratum appears in this manner are too nunerous to admit of has ing their particular details given on the present occasion

ing within the tropics, and such ar could only have flourished in a warm climate, being entirely different from any now iving upon the surface beneath which they are harded.

The strata in general are covered by a deposit of detritus and beda of clay and sand, the whole averaging about four feet in thickness. The sold in general slight and sandy, and there are extensive tracts of a good quality of land. Almost the entire surface is capable of entiration. Notwithstanding there are occasional farriar ribus hogs, and sandy barn us, sold for settlement. An immesse tract of country bordering upon the Miramichi and its branches was overrun with devouring free in 10.5. The groves of pine were rubbed of their foliage, and still stand in leafess trunks amidst the underbrush and other kinds of wood which are destined to severe determ. As this part of the country is low and level; the rivers are navigable some distance from their mouths, and the streams are not broken by falls and in pids so as to prevent the passage of busts and canoes. From the south west branch of the Miramichi, we descended the Nashwank to the River St. John, and found that all the rocks along this stream belong to the great coal field, the boundaries of which will be reported when its morth-western limits have been acceptained. \*\*

\*\* Some of the mout extraordinary geological facts in this division of the country are seen in the evidences of changes of level. At Bathurst the country has been apprehended by Mr. Stevens, a most coterprising individual. The first efforts of the company were directed to the mining of one-per one, veins of which are evidenced to the company were directed to the mining of one-per one, veins of which are evidently contained in the slates of Tele-a-g-u-be River. At present the mining of manganesis is carried to some extent, and powerful machinery has been exceed with an ecompany were directed to them sings of one-per one, veins of which are evidently contained in the singular division. The are large price of the ore in state

With another extract from a report made by Mr. GENNER, in August last, to the Government, we shall for the present close our

The most important examinations have been those of three several deposits of southest iron ofe, on the farm of Colones Ketchens, at Woodstock. This are was interested by the inhabitants several years ago; it is a compact red homostic, but yield from it to 10 per crost. the united thickness of the beds is recent, five fived. The situation of the are in the original forest of the conorty, and homographic particles quantity offers every advantage for the manufacture of iron, and bring placest on the American freedier, and high road to Canada, its value is not increased.

The importance to be attached to the discovery of so vast a body of hiematite, situated, as it appears to be, in a dense forest, yielding the feel for its reduction, is such as will, doubtless, attract the attention of the capitalist; at the same time we may observe, that we are not aware, except under any patented process never yet put in practice, that hiematite can be used otherwise than as a mixture, and that pig-iron has not hitherto been produced from that are alone. It is valuable when mixed with clay ironstone, prominently forward, in its absence we avail ourselves of operation having been carried out successfully. We have heard of many experiments, at home and abroad, and of many paterts--perread with interest. It is, indeed, but a few years since that mining haps rome of our correspondents may on this point furnish inforIMPROVEMENTS IN THE MANUFACTURE OF IRON.

of Patent Inventions.]

The nature of this invention consists in forcing damp ateam into the melted mass of metal, whatever it may be, contained in the melting furnace used for melting the said metal in, and particularly into the melted iron in refining and puddling-furnaces, as also in a certain paste made with the said steam and melted cinders, and applied as hereinafter explained; and the following is a description of the manner in which the said invention is to be performed, with reference to iron, reference being had to the drawings, and to the figures and letters marked thereon:

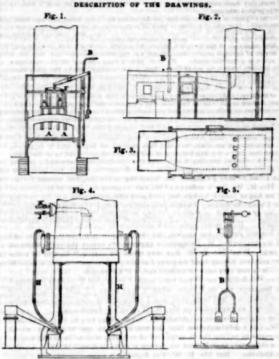


Fig. 1 represents the front elevation of a puddling-furnace. A jet or jets of steam is or are introduced into this furnace, in contact with the melted iron, while in a state of what is usually called fermentation; the steam is conducted through the roof of the furnace, as here shown, through wrought-iron telescope tubes, sliding one over the other, by means of which tubes we are enabled to convey the steam very near to the surface of the fluid iron to be seted upon; the success of the operation depends much on bringing the steam in close contact with the melted iron; therefore, any other plan of introducing the steam elose to the iron may be found to answer the same purpose—the steam that we have used for our experiments has been supplied from the ordinary engine-boiler; but, as shown in the case of the refinery-furnace, fig. 4, we purpose generating the steam in the chimney of the furnace; the pressure we have used in the puddling-furnace has been about 15 lbs. to the inch, through four pipes, A A A A, three-quarters of an inch in dismeter, which answer very well during this process, in order to keep the sides, bridge, and bottom of the furnaces from burning. We introduce a quantity of steam upon the fluid cinders as soon as the heat is drawn until the cinder become of the consistency of pasts; we then, with a rabble or rake, rake as much of that paste, and place it against the back, sides, and bridge of the furnace, as may be required, to fill any cavity that may have been burned during the previous heat of iron; the use of the cinders in a state of paste for repairing the bettom and sides of the furnace keeps the iron quite clean and free from dirt, which is always found from the use of clay and limestone, as at present used. The tubes, A A A A, which pass through the roof of the furnace, slide over the tubes B B B, forming thus telescope tubes, and they are raised or lowered according to the quantity of fluid metal in the furnace, by means of the lever, C, and handle, D, by which it is worked; the dotted li E is the steam-pipe; F the connecting-pipe, for communicate all the four telescope tubes; and G is a condensed water-pipe.

Fig. 2 is a side elevation; and,

Fig. 3 a plan of the puddling-furnace.

And now, as to the refinery-furnace, we introduce a jet or jets of damp steam, after the pig-iron is melted, through the same aperture as the blast; the quantity and temperature of the steam must depend upon the quality of the pigs to be acted upon; we use four pipes of half in inch in diameter, with a pressure of 20 lbs. to the inch, and find it answers our purpose; the steam is by us generated in the chimney of the refinery-furnace, but it may be conveyed from the engine-boilers.

Fig. I represents a side elevation of our steam opparatus, shown in two of the four tuyers or apertures of a refinery furnace; and

of the four turers or apertures of a refinery-fornace; and

Fig. 3 another view of it. In fig. 4, H II, are two of the steam-pipes,
the steam being generated in the tube or cylinder, I, in the flue or chimney, which cylinder, I, is filled with water—J being a water-feed pipe,
and K a pipe on which to place a safety-valve.

Now, whereas we propose to apply steam in a similar way in the melting of alloys of copper and iron, and of tin and iron, which alloys can be
made in refinery and puddling-furnaces by it; but in particular we apply
our said invention to the manufacture of iron, whereby we obtain a better
material with greater economy. And we claim as our invention the use
or application of steam forced upon or into, or in contact with, the melted
iron, in refinery or puddling-furnaces for the manufacturing of the same.
And also the similar use of steam in the process of melting or manufacturing alloys of copper and iron, and of tin and iron, in such furnaces;
and also the application of steam to fluid cinders, as hereinbefore described, to produce the paste aforesaid, and the use or application of the scribed, to produce the paste aforesaid, and the use or application of the said paste, as aforesaid.

ROYAL BANK OF IRELAND. -This bank held their fifth annual meet-

rom the report it appeared that the relation of the report it appeared that the relation of th	#14.591	14	9
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ast amount of reserved fined	NAME AND ADDRESS OF THE OWNER, TH	-	-
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TABLE SHOWING THE COMMERCIAL VALUE OF COALS .- The price of small Newcastle coals evaporating 7-68 lb. of water per 1 lb. of coals was, in 1840, 14s. 6d. per ton in the Pool; this price is taken as a standard, and the value given is according to the evaporative power of the different

THE SECOND CO.	-	MILET	CAMP.	Val. per ton
	Per	100.	conix.	in Post.
The best Welsh tressers		84	BS	. Els. 114.
Anthracite		916	4	17 .
The hest small Newcastle		85	54	5.0
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ON THE CHANGES PRODUCED BY ELECTRIC ACTION ON MINERALS.

ON THE CHANGES PRODURED BY ELECTRIC ACTION ON MINERALS.

TO THE SITTOR OF THE MINING JOURNAL.

Size,—Your readers conversant with the Mining Review, will probably remember that four years since (Mining Review, No. 1., 222)? [queted af length the experiments of M. Becquerel; but Mr. R. W. Fox, though a wrently recited now, hay, until this time, allowed the quotation to pass without remerk. I may not have been very clear in my reference to it, but as Mr. R. W. Fox is do has not rendered it more intelligible, I beg to he allowed to repeat the quotation.

We this a take, bent into the form of the letter U, having its transverse part gives with clay moistened with water. 2. 2. 3. A saturated solution of strate of direct is pound into one branch of the best table, and into the direct a solution of the contrastium. One end of a view, or picks of pure aliver, in then plunged into each other. The reaction of the two solutions on each other, and that of the hep-shalitenes the plate of silver, produce electrical effects, in consequence of which. The nitrate of silver is slowly decomposed, and the plate immered in it is covered with silver in a metallic state. 2. 3. 1 proportion as the liquid evaporates in the plate of silver is slowly decomposed, and the plate immered in it is covered with silver in a metallic state. 3. 4 1 proportion as the liquid evaporates in the peat immered in the covered with silver in a metallic state. 3. 4 1 proportion as the liquid evaporates in the peat in the plate of copy. As a contrast of copyer, and for the same substance that are found in aliver in colory and produced in the plate of copyer, and copyer and portassium, which crystallace is a silver is slowly as a contrast of copyer, and copyer and portassium, which crystallace is very finessity receive that they are composed only of sliphur and copyer. I include the contrast of the metal and the weighter in the plate of copyer, in consultance is a contrast of the metal and the plate of the plate of the plate of the metal sliphure of copyer.

Clarence-street, Penzance, Nov. 9. W. J. HENWOOD.

NORTHERN COAL MINING COMPANY.

NORTHERN COAL MINING COMPANY.
TO THE RESTOR OF THE MINING JOURNAL.

Sig.—I observe the lutters of your correspondents, as also your own remarks, upon the connection of Thos. Forster with the Northern Coal Company and the Norwich directors; now, Sir, I beg to express my feeling, that since such a variety of prejudicial rumours have got into circulation, I do not see how the company can dissolve their intended meeting without directing an inquiry, which is now rendered necessary for the justification of the directors as well as Mr. Forster. Until that is done; I think it would be the greatest injustice to Mr. Forster for any gentleman in or out of the company to withdraw that confidence which they have hitherto reposed in him.

I remain, Sir, your's, &c.,

Sunderland, Nor. 10.

TALACRE COAL AND IRON COMPANY.

TALACRE COAL AND IRON COMPANY.

TALACRE COAL AND IRON COMPANY. TO THE REPLON OF THE MINING JOURNAL.

Sir.,—On being shown a report of the late meeting a short time ago, I was much surprised at seeing the assertion of that arch humbug Shoobridge, "that he knew no person of Kegworth." Why, Mr. Editor, this person is closely connected—in fact, married his wife at Kegworth. Well may he be designated "'Mawworm' Shoobridge," for never was that hypocritical character played to more perfection, or greater advantage. Under the cloak of religion he has insinuated himself into the confidence of many manaspecting individuals, professing an anxious design for their worldly interests, as well as their spiritual welfare, led them to invest their hard-won carnings (under the mask of friendship) in the nefarious and descelly-plotted scheme—the Talacre Coal and Bubble Company. This is not all I could say about this chapel-going, missionary-presiding personage, but my object in this communication is merely to prove the falseness of the assertion referred to.

I remain, Sir, your's, Ac.,

Kegworth, Leicestershire, Nov. 8.

ALDERMAN THOS. WOOD—THE TALACRE COMPANY—AND
THE DIGNITY OF THE CITY.
TO THE EDITOR OF THE MINING JOURNAL.

Sen.—For the sake of truth and integrity I wish to direct the attention of the Common Council to the conduct of one of their representatives in the City conclave, and the Court of Aldermen to one of their collengues.

perative on the gentlemen of the Ward which Alderman Thomas Wood represents that they demand an explanation; and it is equally imperative on the Court of Aldermen to mark the sense they entertain of their own dignity, and the justice due to the public, by a fall and impartial investigation into charges so seriously reflecting upon them as a body.

I remain, Sir, your's, &c.,

Landon, Nov. 9.

A COMMON COUNCILMAN.

ON MINE SURVEYING—SOLUTION TO PROBLEM IN THE LAST JOURNAL.

TO THE EDITOR OF THE MINIMS JOURNAL.

CONSTRUCTION.—Draw A B along the level of the coal, and A C down the dip perpendicular to A B; then let a horizontal quadrant, A B D, be applied over this plane of the coal, having the litte A B common to both, and draw A F on the upper plane, making with A D an angle D A F = 710—50°; and let D and F be points in the horizontal plane, from which, if plummets are suspended, they will drop on C and E—then from F in the horizontal plane draw F G parallel to A B.

ANALYSIS.—We now have A D = A F = radius, and D C = sine \( \alpha \) D A C and E F = sine \( \alpha \) E A F, also A G = cos. \( \alpha \) F AG. It is also evident that the perpendiculars to the upper plane, at the points F and G, are equal to each other—suppose= x.

SOLUTION.—By similar triangles, A D : C D :: A G : x; or,

C D AG

Radius

and, sine \( \alpha \) C A D \times cos. \( (2 \) F A G \)

Radius

and, sine \( 2 \) C A D \times cos. \( (2 \) F A G \)

sine \( 2 \) S A G : the sense we removed.

Radius and, sine  $22^q \times \cos. (71^c - 50^o)$  sine  $20 \deg. 28 \min.$ , the case proposition

Radius

Paonism.—I am at present constructing a very large model (6 ft. by 5 ft.) of a colliery, and have the surface represented in all its undulations, fences, &c., in wood, and erected in its proper position on four posts, similar to a table. The coal seams (sine in number) are represented by beards put in beneath the surface at proper distances; the coal dips very much, and I am required to transfer the boundary fences of the surface on to the plane of each coal seam—required a correct method of doing so.—Also, required a practical method of laying down the diallings on asid planes.

Also, required a practical method of laying down the manage of explanes.

Allow me, Mr. Editor, to thank yourself and correspondents for the attention you have paid to my previous communications, and trust that such like discussions will benefit the public and increase the circulation of your useful paper.

I remain, Sir, your's, &c.,
GROBGE KNOX.

P.S.—You will notice that of the five solutions published of my problem not two of them agree in their results; this circumstance alone shows that the subject of mine surveying is by no means "exhausted," as one of your correspondents rather valuely asserts.

ON MINE SURVEYING.

ON MINE SURVEYING.

TO THE EDITOR OF THE MINING JOURNAL.

Str.—I find in your valuable Journal of the 6th inst., by the answer given by Mr. Knox to his own question of a former date, that my "guessing" failed to produce that which was right; and I suppose it was no wonder, as I was not the only one that did not understand the question fairly, for I see out of all the attempts made by your correspondents there are not two that come to the same conclusion. But if you will allow me to "try again" I shall feel very much obliged, for after I have taken anything into my head I do not like to budge it before I find it is of no value whatever.

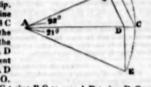
to "try again any head I do not like to budge it before I find it is or no value whatever.

The following is an attempt at a solution of the "general question" put by Mr. Knoz:—Let the annexed diagram represent the two triangles, BAC the dip, and CAE the deviation in bearing from the main dip. Suppose the radius AC be I, the sine of the angle (22 deg.) would be BC (37461), then the radius AE of the triangle CAE would be I, and the coa. of the \(\alpha\) 21 deg. would be AD (93356); from which it is evident that the cos. AD of the triangle EAD is the section of the triangle EAD is the section of the triangle DAO.

Then, by Proportion—Radius AC: sine BC:: see. AD: sine DO=34972—therefore sine DO is the sum of the angle required; then, if the radius be I, and sine '34972, the \(\alpha\) required will be 20 deg. 28 onin.

I remain, Sir, your's, Ac.,

Bickleigh, near Plymouth, Nos. 9.



ON MINE SURVEYING.
TO THE PHYOR OF THE MINING JOURNAL.

Sin,—Amongst the different results of your various correspondents, in answer to Mr. Knox's question of the 6th inst., I venture to send my solution of the same, as follows:

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Beginning at the bottom of K incline, we have—

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ON MINE SURVEYING.

TO THE EDITOR OF THE MINING JOURNAL—

SIR,—I send for insertion (if you think it worthy) the following solution of Mr. G. Knox's question; also a general formula for solving such questions.

General Formula:— t × e d

R

Where R — radius, or 1; t, tangent of the angle of declination of the dip line; c — cosine of the angle contained between the dip line and bearing whose declination is required; and d — tangent of the required declina-tion. Or it may be resolved into a proportion, and worked by loga-rithms, thus:—As radius 16-0000000, is to tangent of ∠ 20 degrees, 9-5841774, so is cosine of ∠ 22 degree, 9-9671659, to tangent 19 degrees, 36 min., 9-5813433;—which example is the solution of Mr. Knox's ques-tion inserted in the Mining Journal of the 6th inst., giving 19 deg. 36 min.

not having yet reached us, in any way, it is impossible we could have fused it; and so contrary is our feeling to such a proceeding, that it we afford us much pleasure not only to accept the offer when made, but all to present the said premium, when obtained, to the public charities, wi something additional from ourselves.

We are, Sir, your's, &r.,

Munchester, Nov. 8.

Discress and Co.

IMPROVEMENT IN STEAM-ENGINES.

IMPROVEMENT IN STEAM ENGINES.
TO THE EDITOR OF THE MINING JOURNAL.

SIR,—So much interest being attached to the important subject, so ably treated by Mr. C. W. Williams in the following article, induces me to request its insertion in your columns; the paper (of which this is an abstract) was read by the talented suthor at a late meeting of the Liverpool Polytechnic Society, and should you deem this worthy a place in your Journal, I shall have pleasure in transmitting similar notices, as the subjects may be brought before the society.

Your's, &c.,

Liverpool, Nov. 6.

INCREASING THE EVAPORATIVE POWER OF BOILERS.

Polyrechnic Society, and should you deem this worthy a place in your Polyrechnic Society, and should you deem this worthy a place in your factors may be brought before the nodery.

You'de, JOHNSON, MORE, S. MINCKESSING THE EVAPORATIVE POWER OF BOLLERS.

Mr. C. W. Williams, who was provided with a number of working mobiles wherevails to illustrate his views, addressed the meeting on the important subject of "Increasing the Evaporative Power of Bollers," developing an intervaling diversory of his own, which (already practically tested) will be extremely vehicle on the control terrains, the said, tavelved the improvement of our hollers by a very simple contrivance, whether an applied to load engines, on the advancement of stems analytics. There were two insuling considerations in the applications of that, which exert, subplying contributions on the said, invested the improvement of our hollers have a subject of the said of the said

ON THE CAUSE OF EXPLOSIONS IN BLAST-FURNACES,

ON THE CAUSE OF EXPLOSIONS IN BLAST. FURNACES. A small work has been lately published in France by M. Saurage, mining engineer, on the cause of the explosions which have taken place, from time to time, in the blast furnaces of the department of Ardennes. The following is the explanation given by the author of the origin of these disasters:—"I am led to believe that the principal cause of these accidents is to be found in the use of torrefied wood. The explosions to which I have alimited, in fact, took place during an irregular draft in the furnace, and in every instance they were preceded by falls of our and sudden descents in the charge. Under these circumstances a large promostice of the City concieve, and the counted to the conduct of one of their representatives in the City concieve, and the count of Alderman to one of their colleagues. Charges of a public nature (which, in the absence of denial, we may presented by the control of the same of the conduct of the general of the conduct of the general of the conduct of the general of denial, we may present to the converty have been made against Alderman Thomas Wood, and, if correct, the conduct of that general same overly for the depth of A is 50, B 50, and C 72 to act to the first megistrate of the choic dity in the world. It is a matter quite as much affecting the public at large as it is the uning interest, and much be considered in tomoth the creatit of the City, that the Alderman much considered in tomoth the creatit of the City, that the Alderman and Sherif, to extend a system of imposition, which, as appears from your reshman, is likely to enter the system, of imposition, which, as appears from your reshman, is likely to enter the conductive of the three conductives of the composition of the proposition and character of appropriation, which these titles are required to the reputation and character of appropriation, which the citizens of London have been so most defined by being allowed an opportunity, through and the owner of the composition of the composition of the Condition of the composition of th instance, to suppose that an explesion can take place otherwise than by a opontaneous combustion of a mixture already formed of oxygen and combusting gas. Now that is not the cause in the surraces of which I speak. On the other hand; if this explanation he well founded, the explosion must of necessity be instantaneous; whilst on the contrary, it has been noticed, that the propulsion of matters through the furnace mouth may last for several minutes. The following appears to be a more satisfactory explanation of the phenomena observed. It is admitted, as I have stated above, that the wood arrives almost in a fresh state at a part which are formed in blast-furnaces, especially when they are applied to the burning of fusible ores is small pieces. The tension of gas or steam, which is produced by the distillation of wood, increases progressively, and there occurs a period when it is sufficient to essue the explosion like a bomb-shell, of the crust of the matters half fluid, half solid, which oppose an obstacle to it. This affords us a satisfactory explanation of the circumstances attending the accident; it is easy to conceive why the projectiles are expelled constitues through the mouth of the furnace, sometimes through the door; why explosion is not instantaneous, and why successive detonations are heard. A similar effect is produced by the air-gun. As to the hot-biast, it is evident that in these circumstances it performs but an indirect and antirely accountary part. A hot-blast apparatus, which does not work with regularity, and which gives varied degrees of beat to the sir which enters the furnace, would contribute in a powerful degree to produce derangements in the action of the furnace, to cause fails of ore and rapid descents of uncarbonised wood; to, occasion agglomerations, and render more frequent the creation and explosions, and a throwing out of matters from the fusion of ores with coals in their natural state. It appears that in these attempts frequent explosions, and a throwing out of matters from the og more uniform and perfect; but to effect this there will be much to do, or the rest I can only give some general instructions. More care must taken than is generally adopted in the composition of the charge of the last furnace. The fuel must be supplied each time in equal quantities, ad prepared on a uniform system; the ores must be of equal richness and fusibility, and have undergone the same degree of roasting; the believe should be perfectly regulated, the same quantity of air at the same ressure, and the same temperature must be every moment introduced; all it is important to modify the hot-blast apparatus when it does not not make a uniform temperature, or very nearly so. If it be found, also, as weod simply dried causes frequent falls of the ore, it would be advisible to bring it to a state of more advanced torrefaction." blast furnace.

PROGRESS OF JOINT-STOCK BANKING IN IRELAND.

PROGRESS OF JOINT-STOCK HANKING IN IRELAND. A numerous and influential meeting of noblemen and gentlemen took place at Helton's Hotel, Dublin, on Tuesday, the 2d inst., the Earl of Meunteashel in the chair, at which the prospectus for establishing a new joint-stock bank in fretand was considered, and various resolutions adopted for the purpose of carrying the same into effect. The nominal capital is stated at 1,000,0002. In shares of 502, each, in series of 10,000 each; the dyposit 104, per share, and not more than 254 to be called up in the first two years, payable by instalments of 5 per cent., at intervals of not less than three months. The management is to be confided to one board of directors, acting both in London and Dublin. By uniting the direction, it is expected that an important saving will be effected. The name of the cuncern is to be the London and Dublin Joint-Stock Bank. It is not to be a bank of issue, econoquently not exposed to runs or panics, and they

emeson is to be the London and Dublin Joint-Stock Bank. It is not to be a bank of issue, consequently not exposed to runs or panies, and they will not require to keep so large a stock of gold at their branches.

Some of the statements relative to banking in Ireland, made at the meeting, were important. It appears that the Provincial Bank of Ireland, stabilished in 1825, page 8 per cent., besides having given two bonuses to its proprietors; its shows of 251, now sell at 451. The Northern Banking Company pays 10 per cent., and its original shares of 251, now sell for 571, 194.

Some sell for 601. The Belfast Banking Company divides 8 per cent., and their shares of 254, now sell for 371, 194.

England, with a population of 16,000,000, has 650 private and joint-stock banks; Ireland, with a population of 8,250,000, and a far superior

England, with a population of 16.000,000, has 650 private and joint-steck banks; I reland, with a population of 8,250,000, and a far superior soil, with equal local advantages, has only about 100, including branches. It appears that the deposits of the Previnctal Bank of Ireland amount to 3,000,000/L, and that within the last fourteen years no less a sun than 200,000/L, had been aeat from Ireland to England in old guineas.—It was stated that the population of Scotland, by the last census, was 2,624,386; her sational banking espital, 20,925,000/L; the paid-up capital, 8,606,000/L; and the deposite, 30.000,000/L; while the benking capital of Ireland, according to the best data, was about 9,500,000/L, and her paid-up banking capital not above 5,000,000/L.

IMPORTATION OF COAL INTO PARSER. -The French Customs hav

Introduction of Coat theorems, and the French Customs have just published a report on French trade, from which we learn that the importation of English coal into France, which in 1835 was only 71,000 tone, increased in 1840 to 325,000 tone.

Indicate Tana Castrad.—On the 25th ult, there was coat in the Atlas Foundry of Mears. Discor and Co., at Amsterdam, the main piece of the tron owing bridge, which is to be thrown over the Spaarre, to slow of the Amsterdam and Rotterdam Railroad traversing that river. The coating was perfectly successful, and it forms the largest piece of iron over made in this way in a single mould. The length in 78 ft. 8 tn., and the weight mearly fourteen tone. The melting of the metal began at nine in the sourning, and the furnace was tapped at three in the afternoon.—

Hondwickland.

the morning, and the furnace was tapped at three in the afternoon.

Homeleichied.

Wome Parken.—As a between on wond paring, delivered at the Southwest Literary Institution, on Wednesday evening, by Mr. Lee Sievens, it was risted that this noted made of forming the surface of carriage. ways had already accessioned gives increase in the basisment of them the spanned who are handred where the system has been adopted; that the value of south home property has been considerably improved; that the value of south home property has been considerably improved; that the value of south home property has been considerably improved; that the value of south home property has been considerably improved; that the value of south home property has been enabled that the south part of the fortunes of gas and water pipes under the basis system of word paring by the control of the fortunes of gas and water pipes under the basis system of word paring in the surface of the basis system of word paring in the surface of the basis system of word paring in the surface of the basis system of word paring in the surface of the basis system of word paring in the surface of the basis system of word paring in the surface of the basis system of words and a construction of according to the surface of the basis system of words and the common surface. It is not the surface of the basis system of words and the common surface of the basis system of words and the common surface. It is not the surface of the basis system of words and the common surface of the basis system of words and the common surface of the basis system of words and the common surface of the surface

the result of his betweeners cheerations to determine the level ension of the Dend Sea, being the hat, if not the only, accounting and depression of the free one. No becometer had ever before been carried to the Dead See, and the observations of Sir David Wikie showed a depression of \$120.76 foot before the Mediterranean, and the elevation of Jerusiless as \$2.62 feet also observe the latter, points to which previous obers had meanly approximated

ENGLISH MINES.

ENGLISH MINES.

\*\*ROLLISH MINES.\*\*

\*\*Nov. 8.—I beg leave to inform you that Hitchina's shaft is communicated to the sixty-two fathom level rise. The lode in the 110 fathom level west is atill about one foot wide, and worth 81, per fathom. The lode in the 100 fathom level, west of Wall's shaft, is one foot wide, and worth 151, per fathom. The lode in the eastern stopes, in the back of this level, is twenty inches wide, and worth 451, per fathom. In the western stopes, in back of ditto, the lode is still about eighteen inches wide, and worth 304, per fathom. The lode in the castern stopes, in the back of this level, is eighteen inches wide, and worth 231, per fathom. The lode is the sevelern stopes, in back of ditto, is sixteen loches wide, and worth 251, per fathom. The lode is the western stopes, in back of ditto, is sixteen loches wide, and worth 251, per fathom. In the eighty fathom level, east of Wall's shaft, the lode is ten taches wide, composed chiefly of capel and apar. The lode in the eastern wize, sinking below this level, is atill in a rich course of ore, the lode being eighteen inches wide, and worth 301, per fathom. The lode in the stopes, in the back of ditto, is two feet wide, and worth 381, per fathom. The sixty two fathom level rise, against Bruy's shaft, is still per gressing in favourable ground; other tutwork bargains in the mine are much as last reported. The tribute pitches, upon the whole, are still looking favourable.

TAMAR SILVER-LEAD MINING COMPANY.

Nov. 1.— In the 125 fathom level the lode is two feet wide, composed of engel, spar, and a small quantity of ore. In the 115 fathom level the lode is three feet wide, producing some promising work. In the 105 fathom level the lode is two feet wide, composed of capel, mundie, and silver-lead ore—a promising level. In the ninety-five fathom level the lode is one foot wide, producing some ores. In the eighty-five fathom level the lode is three feet wide, intermixed with rich branches of ore. In the seventy-five fathom level the lode is one foot wide, carrying a small leader of ores. In the sixty-five fathom level the lode is eighteen inches wide, carrying branches of silver-lead ores. In the forty-five fathom level the lode is eighteen inches wide, carrying branches of silver-lead ores. In the forty-five fathom level the lode is nearly two feet in width, producing some very promising ores.

J. Sprague.

lend ores. In the forty-five fathom level the lode is nearly two feet in width, producing some very promising ores.

J. SPRAGUE.

TARGOLLAN MINIMO COMPANY.

Nov. 8.—I beg to inform you that the losic in the forty fathom level is large, and composed of capel, mundic, peach, and a small portion of ore; the ground during the past week has been much harder than usual, which has rather impeded our progress in driving; this end is now nearly under the winze that has been sunk 7 fms. 17t. below the thirty fathom level, which was suspended on account of water; we hope, however, shortly to be able to hole it, by rising against it from the forty fathom level, and when this is accomplished we shall be able to set some tribute pitches at that level. The iode in the thirty fathom level is also large, and chiefly composed of gossan, which is at present poor, but we hope it will again improve as we advance, there being a very hindly lode is the twenty fathom level, about fifteen fathoms beyond this end, composed of gossan and mundle, with stones of ore, which probably will prove productive at the deeper levels. In consequence of the thirty fathom level west continuing unproductive, we have thought proper to abandon it. Having extended a few fathoms on the north lode, at the adit level, is our enterly direction, and finding it to be of an encouraging description, and was producing good stones of ore, we think it will also warrant our opening a few fathoms westward on the same lode, and have accordingly taken the men (two) from the former place to open in the latter direction, where we find the lode to be shout a foot wide, and chiefly composed of gossan, penals, and mundie, with spots of ore. We have sampled to day at par computed several tons of ore, the produce of one month. Our tribute pitches are loaking much as usual.

J. Ninnis.

P.S.—The cause of my mentioning the lode to be large at the thirty and forty fathom levels, and not stating the with, is owing to the lode generally being seven or eight feet wide—consequently,

WEST WHEAT JEWEL MINING ASSOCIATION.

Nov. 8.—The ground in Buckingham's engine shaft is favourable for sinking. The fifty-seven east, on the south branch, is worth 7t per fathom. The rise, is the fifty-seven east, on Wheal Jewel iode, is worth 10t, per fathom; and the stopes, in the back, are worth 20t, per fathom. The fifty seven west, on this lode, is worth 5t, per fathom. At the fifty-seven south of south adishaft we have cut the new lode, eighteen inches wide, prins, spar, and gossan, with rich work for tin. In the thirty west, on Tolcarne lode, we are driving to cut the lode on the other side of the cross-course. The twelve west, on this lode, is worth 6t, per fathom.

S. Lean.

this lode, is worth 6l. per fathom.

TRELSIGH CONSOLS MINING COMPANY.

Nov. 6.—Christoe engine-shaft, under the seventy fathom level, is going down in good ground, but the lode has not been taken down since my last. The seventy west continues in disordered ground; this level east, the lode is eighteen inches wide, with stones of ore. The sixty west continues good, the lode two feet wide, and worth 2d. to 20l, per fathom. The fifty fathom level is also good, the lode four feet wide, and worth 50l, to 60l, per fathom. The fifty sast (set on tribute) continues to look well going up. Good Fortnon shaft, sinking under the forty-four fathom level, is in orey ground; lode about two feet wide, and worth 12l, per fathom. At the forty-four east the lode is eighteen inches wide, and worth 2l, per fathom; the forty-four east is also arey, and worth 9l, per fathom. The tribute department throughout the concern is looking well; the men are working regularly, and getting wages in their respective proportions.

YARTOLL MINING COMPANY.

\*\*SINCOL\*\*

the concern is looking well; the men are working regularly, and getting wages in their respective proportions.

YARTOIL MINING COMPANY.

Now, n.—The lode in the forty fathom level, east of engine-shaft, is nice inches wide—tribute ground. The lode in the forty fathom level, west of engine-shaft, is one foot wide, and producing some ore. The lode in the rise, in the back of the thicty fathom level, east of Williams's shaft, is eighteen inches wide, and very good tribute ground. Johns's lode, in the rise in the back of the twenty fathom level, west of Johns's shaft, is six inches wide—tribute ground. Tregellar's lote, at the same level, is one foot wide, and producing some ore. The Mine Park lode, at the alike level, east of Moreoni's shaft, is twelve feet wide, and very good tribute ground for the. We have not yet cut the south wall of the lode. H. WILLIAMS. J. MORCOM.

REDMOOR CONSOLIDATED MINING COMPANY.

Nee, n.—Driving east, at the sixty fathom level cross-cut, we find the ground to be still improving for driving; we have driven? Jims. 1 ft. from the shaft going north and south on the load load. At the fifty fathom we have two promising cods; the lode in the south end is six inches, good work; north it is from eight to ten inches hig, with some branches of rich ore. At the forty fathom level, going south, the lode is eight inches wide, with spar and florcan, but at present unpredoctive. The lode in the north end, at this level, is suspected, and the men poil with those level eighteen inches, composed of capper, apar, mundie, and stones of capper ore. The castern end, at the level, is suspended, and the men poil with those in the western end. At Hui-down we are still driving north in search of the lode west of the cross-cut, the size going east is minches and stones of capper ore. The castern end, at this level, is suspended, and the men poil with those in the western end.

Entree stills mining company.

The lode is the winze, in the same level west, is seven fect wide, and 261. per fathom. The stopes to the west of Butan's winze, in the of the seventy-two fathom level, is at present worth from 181, to 22.

im. The lode in the winze, sinking under the sixty-two fathom level north part of the lode, is two and a half feet wide, and producing let, re. The lode in the stopes, in the bottom of the sixty-two west, is set wide, and worth 181, per fathom. We have to-day sampled his ore, the produces of which I hope to give you in my sext.

S. TARVETBAN.

TINGBOFF MINING COMPANY.

TINCHOFT MINING COMPANT.

Noc. 9.—I have nothing very material to communicate to you at this time, only to say that we are getting on in all our operations very well, and I think on the whole, are looking better for tin. We hope to deliver a parcel of in on Thursday, the 16th inst., or on Saturday, the 20th inst.—perhaps on the latter day, as there is to be a meeting of the tin minors' committee at Penzance on the 18th. Our next sampling of copper ore will exceed the last.

W. PAUL.

rance on the 18th. Our next sampling of copper ore will exceed the last.

W. PAUL.

BOHR-DOWN MINING COMPANY.

Oct. 27.—We find in driving west on the great copper lodes, that both the north an south courses are united so close together that there is only a hard horae of capel between, of about two feet wide, which apparently forms a large mass of lode, of a considerable size. We find it will be expensive to open a drive immediately on this great lode (or lodes), I have therefore set a fathan to cut through the north capel in the present west end, in order to set into a softer course of granite ground, which appears to accompany the said lodes, and carrying some small branches containing a little ore, &c. The mode now adopted I find is in accordance with Mr. Johnson's report, dated the 6th last., a copy of which I was favoured with on the 23d inst. We have given sil. for the fathone, which we think will be sufficient to prove whether the strate of decomposed granite continues in a line westward or not. In the castern end going cast the lode is of a moderate size, the leader part about two feet wide, composed of spar, some gossan, a little black copper, and some mundic, accompanied in a congenial looking ground. The price we have given for two fathoms driving on the lode east is 3i. 10s. The the pitches are reset at 15s. and 13s. 4d. out of 1i.

R. Rowz.

POREIGN MINES.

COLOMBIAN MINING ASSOCIATION.

FOREIGN MINES.

COLOMBIAN MINING ASSOCIATION.

June 26.—Supia District.—Carl.—That for May is as near as possible to dead be brought to April cost, but having paid in May be of # 500 for the way of the cera constracted for, which will provide this extentionment with candle till Sept. next, the total cost for May, I am very servy to say, has come as high as #5000, when the returns for the same mouth are far less than a April, and which is entirely owing to the interrupts. of our undergrous operations, through the excessive act weather, and not to the insufficiency of incapability of our mines.

Mining Department.—You will, with much interest, observe the particulars given of the cross-cut south from the north Gamburée level to intersect the North Saito main lode, of which I gave a hint in my last of the 20th ult, in fact, this cruss-cut, which at present has been extended about six feet, has already cut a very promising branch of balf clean ore. The country about this place is so completely traversed by branches and lodes, that, indeed, I baffles us to ascertain, with any degree of certainty, which is which.

July 6.—The Mine.—There is no falling off in its general promising state all we are at present suffering is the laconvenience of the expensive and larg derrumbo in the Cumba old workings, and which, I trust, will be completely secured by the end of this month, as nearly all take an active part in accomplishing this object, and I am is hopes that, even before the end of this month, some kind of ventilation will be established in the Cumba Accquished have we been able to extract, during the past month, from this most productive part of the Cumba mine.

Escolastics Middle Level End East.—An excellent branch of ore, four feet wide, has been met with, and we are now on the eve of making the comment of active part of the Cumba mine.

Escolastics Middle Level End East.—An excellent branch of ore, four feet wide, has been met with, and we are now on the eve of making the comment of active part of the Cumba mine.

Mine Report for June.

Mine Report for June.

Sources of Ore.—After we have penetrated through the Defiance derumbs and re-established the ventilation between this and the Accquia level, washall be able to recommence working all the ore stations in this quarter, as which, I hope, will be very soon. The lodes, in general, are of a premising stature, and I hope, no doubt, that we shall break for the remaining st months sufficient ore to complete the estimate.

Over raised during the past six months amounts to 3879 tuns from the different lodes.

Ore raised during the past six months amounts to 3879 tons from the ferent lades.

1. Candado Lode. — Poucles's Level, West End. — After driving one fathe

ferent lodes.

1. Candino Lode.—Powches's Level, West Knd.—After driving one fathom the lode came amalier, and is now only one foot, chicily of callebe, mixed with small orce. The natives are yet employed to drive further west, under the mountain, on the main direction of the lode.

Powles's Level, East End.—This can was recommenced, and, in driving cast, the lode has opened out to four and a half feet of good ore. The mineral from this station is accumulated on the floor, and if the lode continues so promising castwards I would again recommend to creet stamps in this quarter. The trial made of the ore in abates looks well; at present the tul-workmen are employed in rising, and I hope to effect soon a communication with Degenhardt's level. The rise is in a perpendicular line with the west end of this level. In my report for October, 1940, when this lode was cut, I stated the favourable direction of the mountain eastward, and I believed the lode would be more productive in this direction, which has now proved to be so, by driving the end cast. It is necessary to commence a deeper add, and, from the very favourable apot, as known to you long since.

Educards's Estriction Level.—Eight fathoms one foot are driven and well secured with masonry to the end, but the country is so difficult for driving here, that this end has been unspended, and a party of natives is employed in driving east from Edwards's level to meet it. In five fathoms we shall effect the communication, and, after this, he able to drive Edwards's call further west, to lay open some more riopes and take away others in the Camba boundary.

Raises from Trecortha's and Sinking from the Hermaneitide Levels.—The

west, to lay open some more stopes and take away others in the Cumb boundary.

Rising from Treagartha's and Sinking from the Hermenesido Levels.—The communication by rising and sinking, together two and a half fathoms from both stations, was effected, and makes a total height between both levels (as the underlay of the lode) 20 fathoms. Sink and rise, according to the marks given to John Chynoweth, have met perpendicularly, and is creditable in him, in having finished this troublesome work so well. The ground will be aquared in July, and after this ladders shall be fixed in it. The stations here are well ventilisted, and we can break away good ore from the Cumba.

Derumbo above the Deficace Level.—Two and a half fathoms of this difficult work is secured, and I treat to reatilate the higher stations in a few days. The water coming from the old workings above is still great, but the same part going through the stope, No. 10, which, during June, has yielded a good empoly of clean ore, averaging seven and a half fact, and easy for breaking (8 1) per fathom), but the heat in this stope was very great.

Stope east of No. 3, and Stope between the 1st and 2d. Communications in Treconthe's Level have given likewise good ore; in the latter the lode is harder, but both containing ore of a good quality.

2. Cruzada Lode.—Flourth Winze to the Middle Escolastion.—In the southeast level we commenced staking fourteen fathoms west of Cherne's that.

2. Cruzada Lode. —Fourth Winze to the Middle Escolastion. —In the south coat level we commenced sinking fourteen fathems west of Cheyne's that, and rising from the present end of the Escolastica middle level (fourtees fathems cant of the perpendicular winze), on the same lode; after sinking two and Ave. sixths, and raising four and one-sixth—bringing the total height is awar fathems—the communication was made. By this means we have so only ventilated the middle level, but here we have laid open vart sources ore, and now take away the stope.

No. 120.—The ore here is of a good quality, eighteen lackes wide, and free for breaking. After the communication was affected the party was employed in stoping cast and west of the communication.

Excelastica Middle Level, East Rud.—The lode has improved to two feed clean ore.

clean ore. North Salto, 2st Rise, is extended five fathoms. The ore is become small

howise very free for breaking; we shall soon effect the commist North Solto workings above.

Raised.--May, 603 tons; June, 663 tons. W. Dunen.

Ger Raised.—May, 603 tons; June, 638 tons. W. DEGENRARF.

Bracedmarque, Any. 4.—Parraise a District.—Expect Orv.—Havis
packed up 280 cargus of muceral, I yesterday mode a contract with Sa

J. M. H. comming, of Giren, to convey this parcel from Rio Negro to Mospax, at \$I ht per cargus—he paying the bodogs does in the port of Canaverals

From La Roja to R. 6. Negro. I exteed to pax to or 12 ris. per carga, so to
it mill cost \$I\$ per carga put in Mompon—the name that it now costs to it
pact of Omans; the caving will, therefore, he about 12 ris, per carga—the
no freight in Mompon, agroup; in Octass, and does in the part. We shall
give immediately to send of this parcel, and I hope that, before it is an in
proct, the traffic on the Maginiron will be equal to per. This parcet weight
tons in cut. 3 que., and contains, by array, 1979 concers fine tilver, at
200 concers fine gold.

La Roja, Ang. 10.—Expert Ore.—In consequence of troops still passing
propic are a district to him their moirs, and no corgan have yet gone off. Is
there is every hope that, in the concret of a fortedgist, this difficulty will out

The Mice has improved commentation the less few days. In the ten fine.

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Towa a little boy m boy as to the was is Low Fox.

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PAUL.

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and well e driving ployed in all effect d further c Cumbs ets.—The sms from evels (os he marks ittable in d will be ions hers a. difficult is days, the mod ed a good breaking

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Captain Patien's Mine Report for July.

Wille's Backs.—This is now ready to measure, 4. e., as soon as the ore, he., is got out. The lode here has failed considerably, so that I am thinking u stop this place, and put the men in the east end of the stope under. Stope under East.—This was measured on the 27th ult., and a new bargain let to the same party at the same price, to commence first from the lack, and when they reach the cut where they ierd eff they will take it with them; this will form a middle cut, or stape, in those bottoms. The lode here is pretty good, and consists of two branches; the north one is about eighteen inches wide; the south one is not so large—those come together in going east. The two men whom I put to take down the south branch, Ace, have not yet finished, as they were employed most of the month in cutting into the south wall, that we might foot our timber firm, as the ground was weak for considerable distance in that direction. They have been also employed in helping to timber. We have now got in a firm still over this cut, and are filling it with dends as fast as we can, in order to keep the sides quiet, as there is a large stretch of ground here which had no support; this stull will keep it firm and secure as the level. The branch which we have taken down goasists principally of quartz; in some places it has blende four inches wide, and in some scarcely any; it is, in all, near a foot wide. We shall now carry this with us in the cut below, as it is much nearer the north branch than it was up over.

Stope west of Sink.—This is still going on on their former bargain, as they are not yet ready to measure. The ground here is hard, but the lode looks good, and is large—in all from two to three feet wide, of which eight or ten inches are blende, mixed with fine lead, which is the same in appearance to the eye as the richest ore we raised formerly on this bunch.

The Rait.—We have driven but four feet in this end during the past month. The ground is still hard, but it is from six to eight

#### MINING NOTICES.

MINING NOTICES.

(Under this head we purpose collecting such paragraphs as may appear in the provincial and other Journals, having reference to discoveries and improvements in mining operations at home and abroad. It is hardly necessary to observe, that we must not be considered to admit the correctness of the information conveyed, which, in too many instances, requires cautious investigation—the sanguine expectations of parties in some instances, and the want of honesty in others, throwing a degree of responsibility on a Journal in giving publicity to reports, which we do not intend taking upon ourselves.

do not intend taking upon ourselves.1

Cwm Amman Coal. Company.—A correspondent informs us that this company have now got the "Big Vein" in excellent order. The vein is 5 ft. 11 in. The pit sunk is to the bottom of vein 71 f fathoms. It was begun in March, 1840, and ended, or cut to the coal, on the 1st of November inst. Eve months the sinking was delayed by wniting, the lifting engine not being ready, and walling the pit, &c. The sinkers have put in, as they went down, a good strong brattice, dividing the pit into two, one for raising the water, and the other for raising the materials. No accident of any consequence has happened to the men. The company have already got a 70-horse single-acting engine, ready for raising water as soon as the pumps are put in, which will be act about without delay; and speedily after shall be able to raise a large quantity of superior stone coal daily. They can work without any considerable expense four other stone coal veins by the same shaft, having 400 yards to rise of coal in each, and one a mile and a half in extent.—Cambrian.

GAVRIGAN MINE.—A correspondent informs us that a very rich lode of tin has been ent in this mine, near the Indian Queens.—Ibid.

COAL IN AUSTRALIA.—We heartily congratulate our townsmen and fellow-colonists upon the now certain prospect that we can be supplied regularly with coal of superior quality from Lake Macquarie. The Aon has arrived here with the first cargo ever imported from that port.—Sydney paper,

MINE ACCIDENTS.

[From the Report of the Manchester Geological Society.]

The fearful loss of life that annually takes place in this county from the explosion of inflammable gases in coal mines, has been a subject which has forced listed on the serious consideration of the council. Although the adventurous miner, from the nature of his employment, in despite of all human care and foresight, must always be subject to some danger in working the mineral treasures which contribute so very largely to the prosperity of our country, still it is conceived that the dreadful catastrophes which so frequently occur may, with proper care, be greatly diminished. It is but too clear, that, in many instances, a great sacrifice of valuable lives has originated either from the negligence of the owners and overlookers of mines, or from the carelessness and ignorance of the working miners themselves. To remedy the first cause, of course, is the province of the Legislature; this society can merely appeal to the humanity and interest of the proprieture. But the other causes alluded to they cannot but consider that it is their daty, if it he not in their power, to attempt to remove. To effect this desirable object, it is intended to endeavour to instruct the working miner in the nature and properties of the grass found in mines, the causes of their generation and accumulation, the places where danger is to be apprehensed, the structure and principles of the different safety lumps, and the circumstances under which they are really safe or dangerous. For this purpose, in the latter end of last year, Mr. Francis Looney, a member of the council, kindly volunteered to visit the different districts of our coal-field, and to deliver leaves to working colliers on the above topics. This gestlessnam merely required that he about he formished with lamps, and that his personal expenses should be paid. This liberal offer was accepted, and 104, voted to provise lamps and apparatus. He was on the point of commencing his labours when the unfortunate

North Towar Mine,—On Saturday last a youth about eighteen years of age, named Davey, incantiously attempted to alide down a shaft in North Towar Mine, St. Agnes, by the whim rope; he had, however, proceeded by a little way down, when he called to the whim boy to pull him up again; the boy moved round the whim as far as he thought necessary, and then went to the shaft to look for the young man, but he was not to be seen; search wan immediately made for him, and he was found at the bottom quite dead. Low Moor Company's Collisieries.—On Saturday Inst, W. Sugden and Juhn Fox, in the employ of the Low Moor Company, met an awful death at the pit near the Chapel House Ins, Low Moor; they were descending into the shaft early in the morning, when the rope broke and they ware both precipitated to the bottom—a distance of about sixty or seventy yards; and what makes the circumstance more lamentable is, that there can be no doubt they have been deliberately merificed, as it was immediately accertained that the rape had been out nearly through, and the part cut covered so as to prevent its bring discovered. We sincerely trust the property of C. V. Houter, Enq.) took for yesterday weak, and though every means possible were taken to extinguish the finness it is expected that considerable demage will be the consequence; sweered minush that were in the pit have fallen victims to the raveges of the fex.

sequence; several animals that were in the prints of the fee.

Crambington PM:—Three men were killed at this pit on Saturday week by the failing in of part of the road.—[We regret to hear that the we kimen hove had occasion to make repeated complaints of a mistaken notion of remnuny purvased by the superintrodesite, and to which they attribute the occurrence of such melancholy accidents, and to which they attribute the occurrence of such melancholy accidents, and to which they attribute the occurrence of such feel in, when Joseph Hill was so severely crushed that he died within two hours after he was taken out.

These can are a interesting discovery has recently been made.

Oscanic Restains.—An interesting discovery has recently been made in Mr. Brower's querry, in Boxfield, Box, of fined boors, which were found in a cavere, seventy feet under the sarface, and have the same approximate as the fivestasse, or colite, but are much lighter; they are numerous, and manages them the vertaken are very distinct, and some large lones like lags, and a head, but there is mething to indicate that they belong to say existing species. Nothing of the kind has ever before been found in the hierafity, nor in cutting the flow tunned, through specimens of vegetables. But fives been found in the inferior colite, and the city on which it was nontimpless.

an october, 1841. ial duly paper of Mr. Tuesman Luan, of M nds for single; of for double; in. for inches.

Mines.	Engines.	Brgoke In cylinder.	Lond per my lack on plack	No. of efrokes p. minute.	jj	Pounds lifted 1 foot high by a bushet of coal.	Average quan. of water p. mis.
W Darlington	Eastern # in. r	Fret. 10,0	Line. 19,0	8,00	94 lbs. 2156	66,601,107	Im. gal. 789,37
Ditto	Maine's fe in. s	10,0	10,5	6,34	1998	49,417,019	388,18
Gt. W. Portune	(G. W. Port. 85 iz.4	-	-	-	-	-	-
Ditto	T. Downs 70 in s	9.7	10,0	A.79	1992	40°100's0q	619,5
Ditto	Wh. Priends. 70 s	10,0	12,44	3.7	2544	45,339,05)	406,3
Ditto	Owen V. 70 in. s	-	-	and .	-	-	100
Ditto Providence	Gwallon 36 in. s	6,0	14,68	4,65	814	99,403,969	100.0
Wheal Virgin	60 in. s	10,0	14,8	5.0	1606	49,699,548	309,5
Relistian	60 in. #	9.6	18.7	4,84	1996	44,131,658	167,1
Trevaskus	60 in. s	-	-	-	-	-	-
Duffield	80 in. s	10,0	0.41		2190	40 600 601	-
Cursiae Cona. Wheal Julia	100 in. e	1000	9,65	7,8	-	46,677,631	494.0
Ding-dong	30 in. 4	6,0	17.9	2,00	172	83,689,479	133,3
Levant	New 40 in. a	6,0	11,1	3,00	484	26,415,090	31,2
Sotailack	30 in. s	6,3	10,6	10,1	456	37,563,936	38,5
Godolphia	Simp's 80 in. 4	10,0	14,5	6,9	2042	35,107,798 71,155,974	74,3 548,7
Great Work	W.Breage 00 in. s		8.5	4,23	1260	36,600,780	
Ditto	Leed's solia. s	8,0	14,59	6,18	1960	79,228,988	340,31
Wheal Vor	Horiase's 30 in. s		16.7	7,45	3790	63,120,119	
Ditto	Treiawny's Stin s Woolf's AS in. s		16,36	5.9	3764	65,258,648	984,73
Ditto	Penhale as in. s	9,0	16,0	6,3	3148 1298	40,478,600 ] 81,069,434	406,22
rewayas	45 in. 4	8.0	19.0	7,6	2900	34,616,802	465,69
Dunstanville	6e in. a	-	100	-	1000	Designa .	-
outh Roskear			8,32	3,13	1999	48,102,893	190,4
	New eng. 70 in. s		9,86	4,66	1192	55,920,999	227.4
E. Wh. Crofty Ditto	Trevenson Stin.a Dudnance 36 in.s		11,34	4,66	1617	66,674,279	265,19
Dolcoath	76 in. s	9,0	13,9	7,88	3348	27,081,080	344,00
Vheal Jewel .	39 in. s	8,5	18.9	5,34	919	39,761,720	160.9
'oldice	Mims's 90 in. s	10,0	7,14	8,34	3644	41,145,045	863,14
V. U. Wood	Williams' 80 in.	10,0	10,0	5,00	2972	40,819,177	401,90
fallenbeagle Ditto	Vice's 70 in. s Boscow, 64 in. s.	10,0	6,00	6,61	918	68,184,133 }	901,04
V. Beauchamo	Western 26 in. s.	7,78	11,13	6,93	1552	36,636,441	
Ditto	Powning's Stim.s	8,0	20,57	5,3	1004	88,059,786	365,78
Vheal Uny	70 IB. 8	16,0	18,87	7.8	2490	77,816,131	416,01
arn Brea	76 in. s	9,0	14,25	8,5	5100	63,536,028	374,39
Ditto	Sime, 50 in. c. c.e.	9,0	12,4	6,58	648	93,000,539	236,66
incroft	do in. r	9,78	7,48	4,85	160e	46,403,958	216,88
. Wh. Bamet	40 in. r	9,0	18,9	3,7	949	80,970,791	146,59
consolidated	Taylor's Si in. 4	-	2006.	-	-	ARREST DE LA COLONIA DE LA COL	entr.
Ditto	Davey's 80 in. s	-	-	-	-	-	965
Ditto	Pearce's 65 in. s	-	2000	-	ARREST .	-	witer
Ditto	Woolf's 90 in. s linwden's 90 in. s	=	-	-	-	-	-
Ditto	Job's 65 in. s	-	-		-		1900
nited Mines	Taylor's 85 in. s	11,0	11,17	4.7	1300	101,030,003.	
	Cardogo's Win.s	9.0	18,5	8,25	1791	60,463,507	
Ditto	Eidon's en.30 in.a	9,0	16,0	9,36	545	73,348,900	1754,0
Ditto	Loam's 85 in. s Hocking's 85 in. s	10,0	15,7	7.8 6.7	3011	74,356,288 66,339,910	15 000
lisane Bridge	50 in. s	10,0	7,38	6,4	882	44,045,796	343.1
. Wh. Towan	70 in. #	10,0	9,5	6,0	1600	39,000,003	391,7
nited Hills .	Williams' so in. s	10,0	8,55	5,0	1054	64,593,178 1	479.8
Ditto	Old, he in. s	8,3	6,48	3,4	434	39,918,616	
C Wheal Rose	00 in a	10,0	18,00	4,8	1190	37,129,700	393,4
hariestown U	50 in s	9,5	14,43	7.28	1104	35,400,796 46,953,159	993,7 811,1
V. F. Console	Union, 40 in. s	9,6	16,61	THE R	ange.	and a series	Mary S
fowey Consols	Austen's mila. s	10,33	19,57	6.74	1650	80,896,779	811.7
Polgooth	66 in. e	9.8	9.2		1354	78,851,597	918,9

#### ENGINEERS' NAMES.

Wheai Darlington, Rustis; Trewavas, T. Tippet; Great Wheai Portune, Grose; Providence Mine, J. West; Wheai Virgin, Grose; Relistian Mines, ——; Carcine Consols, Grose; Ding-Dong, Eastis; Levant, F. Michell; Botaliack, J. Rowe, Ballawwidden, Eustis; Godolphin, J. Sima; Great Work, Richards, Wheai Vor, Richards, South Roskear, J. West; North Roskear, J. West; East Wheai Crofty, James Sima; Dolocath, Joffree; Tincroft, J. West; W. Jewel, J. Sime; Politice, J. Sima; Wheai Unity Wood, J. Sime; Wheai Beauchamp, Hocking and Loam; South Wheai Twan, J. West; United Hills, J. Sima; Charlestown United Mines, Darlington; W. Fowey Consols, W. West; Fowey Consols, W. West; Fowey Consols, W. West; Powey Consols, W. West; Powey Consols, W. Mest; Powey Conso

### STEAM-ENGINES STAMPING ORES.

Mines.	Engines.	Stroke in cylin.		Av. weight of heads, lifters, and water col.	134	Pounds lifted 3 foot high by a bush, of coal.
Ballarwidden Charlestown U., Wheal Kitty Caro Brea Fincroft Wh. Hoeth Con.	36 in. e 32 in. a 32 in. a 32 in. a 36 in. d 36 in. d 27 in. a	Feet. 8,0 9,0 9,0 9,0 10,0 7,75	88 17.37 84 1	Lhu. 10500 10000 37343 96347 64500	94 lin. 1910 850 790 993 9949 400	60,676,493 44,093,667 63,933,110 45,772,961 71,948,066 95,288,552

### ENGINEERS' NAMES

Ballarwidden, Eustis; Charlestown United Mines, Darlington; Carn Bres, J Sims; Tincroft, W. and J. West; Wheal Vor, Richards; Wh. Heeth Consols, Eustis

IN OCTOBER, 1841.										
Mines.	Engines.	S Contract		111	Pounds drawn one fout high by a bushel of cont.	Horse whom kibbs, drawn from 100 fluo, by a beeds, of const.				
United Mines	Taylor's	999	13949	700	16,569.555	88,1				
Dieto	Michell's	- 66	1,887	700	19,937,000	64,1				
Ditto	Low w's	245	ME94	Ban	10,910,940	64.0				
Ditto	Hocking's	136	19560	710	17,242,563	88,5				
Charlestown U.M.	20.00	198	8617	1400	18,339,315	66,1				
Fower Consols	Davis's	1986	11744	850	88,850,178	110,0				
Wheel Troppers	Frank Wilsiam	4.00		646	2 444 967	19.1				

### ENGINEERS' NAMES.

United Mines, Taylor's engine—the two lifts, 15 fine, 2 ft. of 13 lack, and 15 fine. ft. of 14 limb, have each worked half the month; the duty loss, therefore, been significant on a load of finishing lastend of fings lies. The bollers are looky at

Iff. of is finish, have cases were not be accounted to the finish have calculated on a band of finish has hashest of finges lies. The holiers are leaky at Polhectera.

Keveds in the Report for September.—East Prod engine, for the land coad \$1000 ha, and for the work performed \$4.448,316 ha. Milest one foot high by consuming \$450...
of coad. United Hills old engine—strakes theren, doty 27,000.000.

\*\* The non-obser of promping engines reported this month is fifty-two. They have consequed this town of coad, and lifted M, so, one tone of water too farforms higher the average duty of the whole is, thesethers, bi,eco, one ibs. littled one finet high by the consequence of a location of equi.

\*\*Maracion\*\*, Noc. 9.

\*\*Tround Lean and Hauture.

New Merison or Parchine Bosses, without letting our all true Wares.—At the defective part of the buller a bole is out large enough to admit a Throsical acrew, which is to be introduced diagonally into the boller, with a piece of twine attached to the acrew end; the twine is then to be passed through a bale in a washer made culticinately large for the repair of the defect, and to be introduced diagonally through the bole; the twine being then drawn back, the acrew-load brings the washer is contact with the boiler within; another washer is then put over the serve outside, and the whole secured by a math-boleson both washers there is a composition of putty and white lead.—J. Haimen: Proceedings of the Bayal Cornwall Polytechnic Suciety.

Consultance two nerweaks Newcastes and Garmentan.—A company has been formed in Newcaste, with a capital of 60,0001, in sheres of 101, each, for the purpose of creeking a bridge, on a high level, from Gaineband to Newcastle. The bridge is to have done piece and timber arching, and will be similar to that created over the Ouseburn, for the Newcastle and North Shields Hailway. Moners, Green are the archinests, fixence Departments.—A St. Louis paper cops, that the techeracite and

Supersy Distributes.—A.St. Louis paper says, that the nathracite and found letely in Missensyi louis like coul, facts like coul, and could like road—all the difference in that coul burns, but that will not.—American paper.

RAILWAYS IN FRANCE.-The fo

DEIZHE SHEE

Oct., 1841. St. Germaili	83,127 164,213		Bacelyto, 1:2,:40f. 118,698
Oct., 1848.	190,440	333	205,4000
Rt. Germain.	65,777 106,041	*****	99,4678
	198,818	2.00	192,1634

The increase is slow but steady on both lines; taken conjointly the single month of October has produced an excess of 15,623 passengers, and 33,500f.

menth of October has produced an excess of 15,623 passengers, and 33,5004.

RALLBOAD RETWERN DUBLAY AND CORE.—A meeting of the committee appointed in 1835 to sid in the promotion of the than contemplated railway communication between the metropolis and this city, took place on Thursday, at the Commercial-buildings, S. Lane, Esq., in the chair, when the project was revived, and a unanimous expression given of concurrence in the vast national advantages that would arise from the undertaking. It would appear, from what passed, that active measures are being taken to ensure the sid and countenance of Government in carrying out the provisions of a bill, making Limerick the terminus of the communication. All present appeared impressed with the fessibility and propriety of extending the railway to this city, and it was resulted to take up the matter promptly and with vigour. Anxious to engage the co-operation of the landed interest in furthering the project, a deputation was appointed to wait on the Earl of Bandon, who happened to be at the Imperial Hotel, on reafe to Castle Beroard. The noble lord received the deputation courteously, entered warmly into their views of the speculation, and intimated his willingness to preside at a public meeting of the landed and mercantile interests of county and city, to be held on Thursday, the 25th inst., in the City Court-house, and the deputation retired.—Cork Reporter.

Cork Reporter.

IMPROVEMENTS IN THE MANUFACTURE OF GAS.—Some time since we published the particulars of several experiments in the manufacture of gas, conducted under the management of M. Vou Marino, by which, it was said, a complete revolution would be effected in that branch of art 5 the inventor, it appears, has not benefitted much by his ingenuity, as we find that he applied, on Saturday last, to be discharged from the Insolvent Debtors' Court. The plan of M. Marino (by which 1000 feet of gas could be procured for 2s. 6d., instead of 9s. or 10s. as now paid) we considered well werthy of application, but the opposition of the chartered companies prevented its being successfully carried out.

#### FROM THE LONDON GAZETTE.

Tuesday, November 9,

INSOLVENTS,

Nov. 8.—James Smethurst, Manchester, amaliware manufacturer.

John Jackson, 88. Paul's Chorchyard, commission agent.

Robert Bownson, Liverpoul, commission agent.

Richard Ouston. Kingston-upon. Hull, sawyed.

John Bowser, Milton-street, Britis fields, slik manufacturers,

John Bowser, Milton-street, Donest-square, and Previous-indge, Larkhall-lanc, Clapham, timber merchant.

George Hayment, Oxford-street, houser.

hall-lane, Clapham, timber merchant.
George Raymont, Oxforri-street, howier.

BANKA: Pra.

P. Wilmott, Blackfriars-road, linendraper. (Hartley, New Bridge-sk., Blackfriars-Rarah Rackett, Bell-yard, Carey-street, lockontilt.) (Nacyhali, Wilmington-squary, Clerkenwell.

P. Saundess, Kingston-upon-Hall, merchant. (Parker, St. Puni's Churchyard.

R. Mitchell, Lime-street, merchant. (Layton and Conkson, Lincoln's Irin.

J. T. Scott, Milton, real Gravenaud, oxiate againt. (Gregon and Kweell, Angelegont, Throgenon and Kweell, Angelegont, Throgenon, Leadenhall-street, Saliner merchant. (Crowder and Co., Manesons. J. Worrell, Sneeck-street, Tottunham-court-road, victualier. (Paraell, Churchystreet, Spitalfields.)

G. Kidusan, Long-sliey, Worship-street, victualier. (Ware, Blackman-st., Borough, Mary Anne Duncan, Oxford-tervace, Hyde-gard, hoarting house keeper, Hodgemon and Co., Salisbury-street, Strand.

E. Davis, West Bronwich, Staffordshire, timber dealer. (Clarke and Co., Lincoln's Inn. Science, Carry, Salista, Churchy, Lincoln's Inn. (Guipe, Rabrick, Durham, greece, Curris and Co., New-se, Lincoln's Inn. (Guipe, Rabrick), Durham, greece, Curris and Co., New-se, Lincoln's Inn. (Guipe, Rabrick), Durackbire, horse dealer. (Clower and Wedlinke, Pornjie.

B. Holland, Manchoter and Atherton, power issue manufacturer of calicose, Cupes and Stuart, Field-court, Gray's Inn.

B. Higgs, Stackborn, Lanenshive, extens spinner. (Millington and Co., Bedirn's rew, Jand. A. Barrett, Kingston-supon-Hall, engine manufacturer. (Hicks and Marris, Gray's Inn.-square.

B. Willedman, Liverpool, provision dealer. (Clarke and Co., Bodirn's rew, Jand. A. Barrett, Kingston-supon-Hall, engine manufacturer. (Hicks and Marris, Gray's Inn.-square.

B. Willedman, Merchan, Suffelli, innheepper. (Cheik, Cheimshurd.

D. Villens, Wickhows Brook, Suffelli, innheepper. (Cheik, Cheimshurd.

Willians, Wickhows Brook, Suffelli, innheepper. (Cheik, Cheimshurd.

Dec. J. J. H. Bartow, Change. alier, Carabilli, silvekbroker-T. Staffebrass and H.

Caurification to be granted, unless ocuses he above to the contrary, on or J. Hammon, Great Protinand-offset, Oatherd street, phonomer. T. Millership, Mose, ley New Colliery, near Wolverhampton, condensator—G. and S. Peters and J. Krause, Monochester, and Birkarre, near Chorley, calca printers—J. A. Warren, and J. F. Taylor, Little Hermitage-street, St. Goverge's-in-the Sact, ship chandlers—W. Varanson, Rocchiadre, Lauceachite, word necessato—J. Carter, Birshall, York-chire, weoclatapler—J. Molie, Liverpoot, paweriresker.

### Priday, Nucember 12.

Nov. 1).—George Dickons, Hortford, eurgeon.
James Patner, Upper Whiteerens street, carpont
John Sergont, Liverpool, wise and spirit broker.
12.—Season Fromer, Portoes, Scothampton, merchan BANKEL PYS.

H. D. Rossbury, Pitzroy-pinor, Southwark bridge-road, money extinents, bey, Bake-street, St. Janese's,
R. G. Weiterd, Strand, printer, (With Innes, Linevin's Inn. Solds,
H. C. Carter, Hammersouth, carpenter, (Loundaie, Temple-chambers, Piret-street,
W. Nash, Souge-row, toe dealer. (Administry, Rey piece, Stotiones,
B. Aarons, Roowine-court, Bootowy-bootsmann, Stry piece, Stotiones,
Candison, Stee Sass.
A. L. Bencoman and J. Brandon, Watthrook-bolidings, City, merchants, (June
T. Winterbourn, Albemarin street, Physiology, tarons keeper, (Conkrey, Lamb's
Condess) piece.

A. I. Bencoman and J. Brandon, Walthrook. Solidings, City, merchants. Crewest.
Winterbourn, Almonasta-chreet, Phonosity, tovors keeper. (Conkrey, Lamb's Condest, place.

A. Boltd, Sachville derect, Phonosity, Indior. (Pike, Girl Burlington ofreet.)

J. R. Myers, Sonderland, victorider. (Seid and Co., Row Chorch, yard, Chompoids, M. W. Batheri, Stordyner, Sandaur merchant.) Jindinates and Co., Middle Tempine.

E. Sinone, York, Sonderland. (Sandaur Literative's Intelligible.

W. Wather, John, Lewinington Friere, Warwickshire, what Sugar. (Parkon and Son, Versions Smillings, Giray's Son.

J. Warker, Newwood Moor, Derkystore, eartherwasse manosinetone. (Byton and Smillings). After places. Bester Frit, Shorpica, Lamonabiles, province and Co., Transide.

W. & T. Full, Shorpica, Lamonabiles, province on online. (Addington & Co., Sontification.), Burling and Co., Sontification.

J. Burlow, M. Lou, and J. Lou, Perkamonolis, bankers. (Addington and Co., Sontification.), J. Flowban, Labourier, Science. (Taylor, John otton), 2008-001-001.

Dec 4, H. Smellman, Eigeware read, driver waterbasshort, J. A. Currie and H. Garry, Tubundonan-yare, M. Carter, Spring field, Emera, when merchant is Crahead, Washrad, E. Carter, Spring field, Emera, when merchant is Crahead, Washrad, Landsella, oliman-W. Legik, New Windows, Berveleite, em. Persen, Calend, oliman-W. Legik, New Windows, Berveleite, em. Persen, S. J. Barron, Scottingham, Statistical Carter, Strand, over Cassing, Prymouth, algorithm, Statistical Landsella, at Markin, Barrier, Prymouth, algorithm, Statistical Landsella, at Markin, Bertalegham, warden, Grane, Scottingham, Statistical at Moster, Element, Christian, Washrad, Statistical Landsella, at Moster, Element, Washrad, on Markin, Element, Element, Markin, Production, Statistical Carter, St

#### MONEY MARKET AND CITY NEWS.

CURRENT PAICES OF SOME CONSOLS MONEY, ST & Ditto Account, SS & Best Account, SS & Best Account of the Control o

REMARKS ON THE OPERATIONS OF THE WEEK.

SATURDAY, Nov. a.—The founds were much firmer, but the business done (prinfipally purchases for investment) was but limited. Comsols for Money closed at
his to 9, for the Account, so to 4; Hank Stock, 164; to 34; and fadia stock, 26 to
—The foreign securities were steady, with scarcely a variation throughout the
high-map oved to 372 to 8 per share.—Anotralasian Bank, 563; Union of Ausralia, 192.

Frains, 199.

MONDAY.—The national securities have again improved, which, however, may be attributed to the demand for stock recombined by the unsertited state of the market for Eachequer Bills, capitalists being afraid of holding these accurities under existing circumstances; Exchaquer Bills were done during the day at 11s, 20s., which is the first time the quotation has seen given in the official list since the late appeal of the fraudulent transactions.—The foreign market remains without the issue alteration.—The share market was also in a very inactive state; Great Westerns improved to 8° to 4.—United Mexican Mining Association, new scrip, 14.—United of Australia Bank, 298.

the inset alteration.—The share market was also in a very inactive state, Great Westerns improved to de to t.—United Mexican Mining Association, new scrip, 14.—United of Australia Bank, 225.

TUESDAY.—Business in the city was much neglected, and at the Stock Exchange but very little indeed was transacted—everything, in fact, gave way to a general expression of jor at the anapticious high of a Prince of Wales, which, occurring on Lord Mayor's day, in itself a holiday of the first importance among the citizens, was rend-red doubly so on the present occasion, the city throughout the day presenting a occur of ourseast commotion and ministry, the new Lord Mayor bisneed, decorated with the gold chain, and other insignia of office, looked happier and greater than the civic monarche sousily do, seated in his gided state outsid, and officated by a more than usually surgeous pageantry.—the tunes, too, for a time, sympathised with the gold chain, and other insignia of office, looked mapier and greater than the civic monarche sousily do, seated in his gided state outsid, and aftended by a more than usually surgeous pageantry.—the tunes, too, for a time, sympathised with the gold chain, and other insignia by buyers, but-fradesting, perhaps, on the soutavility of all civic as well as human greators, that all the vanished give and joy attendant the commencement of the mayoraity of the present deservedty popular representative of civic signity, must so shortly have as end, and the high receilt and homour of the city receive so and a reversal, unless not, and the high receil and homour of the city receive so and a reversal, unless, indeed, the sprint of the livery be sufficiently around, to rescue the distinguisher, but from bring occupied by the next on the rive state, and the high receil and homour of the city receive so and a reversal, unless, indeed, the sprint product of the livery be sufficiently around, to rescue the distinguisher, but from himself of the livery be sufficiently around, to rescue the distinguisher, and th

lione difference.

WEDNEADAY.—Business has again resumed its regular appearance; the Enlish fissels, however, were not extensively dealt in, and prices may be taken at
at quotations.—A good deal of general business was trainsmeted in the foreign acstitles, which, however, do not bear very improved prices; spanish crept up toards the close of business to 21; to j, which was its latest value; Colombian stock
and Buttch is per Cent. also improved a shade, and Beiglan 100 to 1.—The share
sarket was that, and the business done confined to the leading lines; South-West.

The were taken higher, Great Westgran a trifle lower, and lirightons 22 to j per
sare.—Australian new Bank shares were quoted at 134, and the London Jointtook Bank at 125. me were tather hiser - Australian inck Bank at 124.

HIGH Bank at 124.

THURNDAY.—Dealings are becoming more free in Exchequer Hills, several gamesotions being reported during the day at the improved price of 11s. to 13s. oc.; 15is return of confidence is estimated as a continuation of the alarm and infrast that has latterly existed must have proved a beary discouragement to raide, by inducing bankers and capitalists to limit their operations and circulation, then deprived of the usual reserve of good Exchequer Hills to fall back upon in ase of need, which were ever readily convertible into Bank of England noises or perice on the slightest notice. The stock markets were extremely quiet, and the aline of money was not more than 1 per cent., at which price an abundance could be obtained for general purposes.—The foreign funds were a shade lower, and backets included and a stock markets with a shade lower, and backets included the colorions convenient restricted; notifier were the transactions in shares extensive—imminghams received to 15; §, but the other lines remain without alteration.—Lonion Joint Jutock Bank. 174. ighams receded to the

Some Joint Block Blank, 174.

FillDAY.—The funds continue in a quiet state, the amount of business transacted group virilitied, and prices remaining without alteration.—In the foreign worket little class took place than the preparation necessary for the settlement of last account, and momen was easily obtained on advantageous terms by horrowers.—In alreas was also shock in sharts of all descriptions, and with the exception of Black walls, which are a shade lower, may be taken at last quotations.—Asstrained Blank shares were done at 8 ft to 1, and London and Westminster at 2.1, to 4.

A good deal of business was transacted in the foreign exchange in the afternoon. The cake on Farls and the rate on Hamburgh are considered the same as last post, but the rates on Amsterdam a shade heavier. Frankfort and Trieste were 'rather higher, and bills upon Neples and Skidly were in demand. Amsterdam, short, 13 41 to 4, and Farls, short, 13 at to 48.

The number of Exchequer Blile which, up to Thoursday, had been received, examined, and stomped as authentic, and reiss, such 2, as a 25, 71, 9, and their value in strains, that the feaces of the site of Breiten, was 25, 71, 9, and their value in strains, to the same and somped as authentic, and reiss and Rules, was 25, 71, 9, and their value is set to be a second or the site of Breiten and the same and the site of Breiten and the site of Breiten and the same and the site of Breiten and the same and the site of Breiten and the same and the same and the site of Breiten and the same and the s

Billions, and strength of the control of the city of Brucocks are in so dilapidated.
We regret to learn, that the finances of the city of Brucocks are in so dilapidated a state that, to meet its wants, it has made a control with the Government for the sales of its moseoms and other property, which is to be laid before the chambers for

BANK OF ENGLAND.—Quarterly Average of the Weekly Liabilities and Assets om the 17th of August to the 9th of November, 1841, both inclusive:—

Ctroulation. #17,870,000 Pepcaits 7,085,000	Builion 4,491,000
#74,617,000	#27,614,000
Doming alread, Nov. 11.	Photosom

BANK OF ENGLAND, -TRANSPER BOOKS.

					0.06%	
5 per Cont. Consols	Thursday,	Don.	3.	Ingl.	Friday, Jan.	14, 1941
New 14 per Crest,		44		1119	Friday	14
R per Cust, 1776	Thursday	99.		61.18	Tuesday	11
New 5 per Cust	Friday,	200	10		Tuesday	11
Anna. for turnes of years .	Moreolay	46			Friday	2.1
Bouth See Brock	Monday	46		****	Wednesday	12
Bittle New Assessition	Tuesday	66	7	202	Thursday	1.0
8 per Cunt., 1751	Tuombay	40	2	11.46	Thursday	1.0
India Stock	Thursday	86	3	11.51	Tuesday	18

[From our norsequendinals.]

LATEST PRICES OF RISES STOCKS... Spec Cost. Cossels, ship...h. Stock, ship-base new term to the paper Crest. Debesterers. Sep. Bank Stock, ins... Kingstown Salvery, II p. Droptoria, I. National Insurance Company, II — City of Dablist term. Company, II — Brighton Stock, 1987, id.—Brighton Company, II — City of Dablist term. Company, II — Stock Stock, 1987, id.—Bright and II faith Stram Company, II — City of Bank, 1987, id.—Bright and II faith Stram Company, II — City of Bank, 1987, id.—Mining Company of Ireland, I42—No have Copuse Mines, 1981. 1987, id.—Mines Company of Ireland, I42—No have Copuse Mines, 1981. 1981, id.—Stocks, 1982, id.—Stocks, 1982, id.—Stocks, III — Brighton Dank, 1981, id.—Stocks, I. Brighton Dank, III.—Brighton Dank, III.—Brig

BERLIN, Nov. 2.—30 School Sch., 4 per Conts., 164 t 12 to 165 7-12; Prussian-ing into Bounds, 1886, 4 per Conts., 165. Exchange on London, three months, 6 184

HAMBURGH, Nov. 8.—Austrian 3 per Curis., 1074 bills; Bank Shares, 1560 bills, 25th memory; Rountan-English Lones, 1086 bills, 1054 memory; 3 per Curis. 1080 bills, 1058 memory; 3 per Curis. 15th bills, 1058 memory; 4 per Curis. 15th bills, 1058 memory; 4 per Curis. 15th bills, 1058 memory; 1058 bills; 1058 memory; 1058 bills; 10

# MULL, Vernanav.—The marked is considerable botter this work, stock being in demonst at the less rates, with, however, but such bootsteres possible.—Strains, base and flow for Reduces, and to but, thread Stratk of Regions, 6 i. In sec. i. treads, these wee, set to NGL Strain and indire, but, to bill, threads whether the butter, 60 i. In sec. i. treads when Strainbeauer, 10-ii.; London and Elizabigham, this to bild, I howelve and Boutter Treads and 15 to bill. Shoushow on our Lordon, but to bill, Maintand Consolves, and to bill; Nigeth Maintand, this, York and North Mailland, and —Torkehor Months Bound, this, Vent, 5 to 5 fell; Verbankor Agriculturals, of, incontrolled Jetot-Strain, 6;—Mail Beat Company, 1804.—Mail Finz and Cotton Nills, 10-c.

GLA-GOW, Wadmanday.—Ballochney Railway, 816.; Dud.; Edinburgh and Glasgow, 416.; Garakirk and Glasgow, ressock, 22.; Glasgow, Paisley, Klimarnock, and 'Ayr, 385.; ntillech, 586.; Slamannan, 20.; Wissaw and Cuttess, 46.

BIRMINGHAM, TRURADAY.—Birmingham and Glonorster Railway, Western, 861.; London and Birmingham, 1801.—Birmingham Banking 194.; Rirmingham Town and District, 641.

#### SALE OF COPPER ORES IN CORNWALL

Mines.	Tons.	1	Pric	æ.	Purchasers.	Mines.	Tons.		Pric	m.	Purchasers.
Friendship	118	65	4		Viviana.	St. Andrew	. 22	4	3	0.	P. Grenfells.
ditto	57	4	7		Nevill & Co.			7			Nevill & Co.
ditto	32 .	A	2		Freemans.	ditto	#1	- 4	4		Williams.
ditto	224	- 6	-	6.,		ditto	90	-	15		Freemans.
ditto	224	6			Nevill & Co	Levant	65	- 5			Williams.
ditto	23 .	4			Freemans.	ditto	64	In	15		P. Grenfella.
W. Prosper		5			Vivians.	ditto	45		11		Freemans.
ditto	43		1.6		Freemana.	ditto	88 .	- 6	2.2		P. Grenfells.
Fowey C.	101	-		6		Trewayas	100 .	- 7	**		Nevill & Co.
ditto		2	-	0		ditto	59	- 2	12		P. Grenfells.
ditto	effect.	-	-	4	-			- 6	17		
		-	3		Minten	Provid. M.		- 0	12		Mines Royal
St. Andrew		•			Vivians	Relistian .	. 60	. 9			Williams.
ditto	234	4			P. Grenfella.	ditto		13	. 8		Viviana.
ditto	211.	4	10	6	Williams.	Wh. Busy	. 27	- 3	11	Ø	Freemans.
ditto	70	2	1	6 .	-	ditto	27	- 3	11	0	Williams.
ditto	54	4	10		-	Wh. Speed	24	5	6		-
ditto	22	4		8	-	ditto	18	2	7	6	-
					TOTAL PI	LODUCE.					

Average standard, 1281, 128.—Average produce, 62.—Average price, 51. i6s. 6d., mantity of ore, 1761 tons.—Quantity of fine copper, 116 tons 6 cwt.—Amount coney, 19,2741. 8s. cd.—Average standard of last sale, 1261. 6s.—Average Fr.

#### COMPANIES BY WHOM THE ORES WERE PURCHASED.

	A CHECK.	Amount	A Second
Mines Royal Company	84	£3:6 10	
Vivian and Sons	2091	1008 2	3
Freeman and Co	48.4	8374 2	
Grenfell and Sons	2011	1581 2	2
Sims, Willyams, Neville, Druce, and Co	2754	1560 4	
Williams, Foster, and Co	440]	2172 6	
and the second s	section 1		_
Total	1708	10,274 8	

Copper ores for sale on Thursday next, at Pearce's Hotel, Truro.—Mines and Parceis.—Tresavean, 563; Wheal Jewel, 461; Poidice, 431; Fowey Cousols, 261; (tojmbush, 276; Wheal Dansel, 11.—Total, 264 tons.

Copper ores for sale on Thursday week, at Pearre's Hotel, Truro.—Mines and Parcels.—Cossols Mines, 97; United Mines, 52; Trethellan, 42; Treavean, 36; Prowey Concols, 319; Halienbeaghs, 300; Wheal Ellen, 192; Great Wheal Charlotte, 144; Wheal Unity Wood, 127; Wheal Trewavan, 125; Wheal Harmony and Cardrew, 112 4Wheal Vyvyan, 95; Trevoltan, 70; British Eliver-lead and Copper Mines, 70; Perran Mines, 69; Boleson, 40; Wheal Tehidy, 43.—Total, 3076 tons.

# COPPER ORES SOLD BY PRIVATE CONTRACT, OCTOBER 25.

#### MALE OF COPPER ORES AT . SWANSEA. Sampled October 19, and sold November 10.

Produce Stand Price | Mones True Produce

	Mary Colone	2 0004		Sec. of	,	Section.				-	6500			Comment.		-	
Co										Cobre							
	ditto	11		138		1651	-11	1.0	- 6	saptiago	. 102		16 .	. 1004 .	13	17	
	ditto	10	20	138	*	1014	. 16	13	- 6	ditto	. 10:	2.5	164 .	. 100	13	17	
		(8)							- 6	ditto	. 99		164	. 974	La	17	-
	ditto	8	6	134		1014	11	11	- 6	ditto	. 80		154 .	1021	13	15	- 6
	ditto	21	S	21	80	964	18	14	- 6	ditto	. 79		139 .	. 1014	11	13	
	ditto	71	ě	14	**	100	11	15	- 6	ditto	. 27	**	144	. 101	12		
	ditto.	32		318		902	18	15	6	ditto	. #3		154	101	13		6
	ditto.	34		218		D	16	1.5	6	ditto	. 81		154	1014	13		19
	ditto.	45		134	**	1014	11	- (8		Chil							
	ditto.	104	١.	134		102	11	10	- 6	ditto							
		107							6	ditto							
		93							6	ditto	. 80		221	967	19	17	4
		66							6	ditto	60		214	974	19	16	6
		47							4	ditto	44		231	5864	20	a	
	ditto	198		14	-	101	11	18		ditto	16		654	92		1	ö
										ditto							ä
		91								Knockmahor							
		90								Cuangree							
	diffe.	60		211		971	19	0		ditto	17		22	1818 . 1	19		ä
	ditto.	As		14	1	101	11	16		ditto ditto	1		29	100	143		ě
	diffo.	83		21.2		974	116	16	•	Allihies	3.7		104	1194.		17	ë
						-									-		~
							$\alpha_1$	Att		RODUCE.							

		11/2	i Ai		KUNUCE.					
Cohre	1813	. #23603	11	61	Knockmahon	104		676		
					Connorree					
Chill			4	0	Allihies	ar.		364	9	

### Total tons, 3041 .- Total amount, #42,578 15 4

### COMPANIES BY WHOM THE ORES WERE PURCHASED.

English Copper Company	104		#10ms	- 2	6	
Freeman and Co	187	******	26-23	11		
Sima, Willyams, Neville, Druce, and Co						
Vivian and Some	784	*******	10045	14		
Williams, Foster, and Co	15434	*******	21352	9		
	STATEMENT .		MINISTER OF STREET	-	-	

Copper ores for sale Dec. 1.—Santiago #0, ditto 74, ditto 74, ditto 77, ditto #6— obre 124, ditto #6, ditto #0, ditto 4:—Chili 78, ditto 76, ditto 64, ditto 28, ditto 70— likins 110 - Knocku-boon #6—Lackamore 75—Sygun 28, ditto 21—Phoenix 27, tto 20—Laxey 44—Chili 25—Liwyada 17—Total, 1257 tons.

### SALE OF BLACK TIN,

By Ticket, on the 8th and 9th of Nov., at Pensance and Rosewall Hill Mine.

Mines.	Tuns	la.	Fr	ice.		An	iou	at.	Purchasers.
									L. C. & W. Daubuz
aiths	74		3818	15 4	A	299	12	6	Williams and Co.
differ	ceres 64		41	17 4		817	13	B	ditto.
diffe	14		41	13 (		70	2	6	L. C. & W. Daubur
Reuth Consols	125		43	2 4		364	1	8	Bolithon and Co.
ditte	alves .		31	2 4		1.5	14	10	Williams and Co.
Rosewall Hill .									dillo.
	Total t	town, 4	Cham.	<b>Fotal</b>	amount,	£21	1.3	9 4.	

#### PRICES OF MATERIALS IN CORNWALL AL RUPPLIED AT THE PRINCIPAL MINES IN THE FOLLOWING MONTHS.

		2 4			12	
Common tron, per cwt &	14	7	94	fron-wire sorves, each 2s 3d	24	84
Half-inch square ditto 9		. 6	9	Iron-wire work, per foot ; 6	1 8	
Bost tough whim chain 29		29		Board nails, per cwt 17 6	117	
hollor plates		1.2		Half-hoard ditto, per 1000 à 6	1 8	
Hoose trees	4	1.8		Hatch ditto 3 8	1.8	
Natleons P				Half-hatch ditto 8 6		
dinces' showers 38		36		Linewed oil, per gallon., 2 6	1 2	
barroal tros	6	34		Kape ditto	8	14
Componenter, per 140 lbs 46		40		Birch, per fuel 1 #	5.8	2
eather, per in	10	1	10	Pine, 1 4	I. A	- 4
main, per too, at quar !!		11	6	Sheet lead, per cwt 21 6	24	4
modies, per dorse tha 5	3	8	4	Barrow bends	2.8	
allow, per cwt		44		H 2 steel (112 lbs.) 20 0	300	
		34		Ja. maila 16 10	116	18
hall reques		46		Pick hills 1 3	1	
lemp	43		45	Shovel hills 2 4	2	2
thite years, per cwt		34		White ground lend 27 0	22	
bile rept service Mi		88		Red lead	198	
man were sieven, each A		3		Best rolled iron	118	
tible marking 18	10	13		Elistrevd steet 40 6	-	

### METEOROLOGICAL JOURNAL, 1841.

	Work		Spen	100	een.	91	- Fra	HEISE		Mirr.		<b>25.00</b>	HH46	month.			
(Secred.	. 4	(Dynam)	415	500	400	200, 32	) to	36,27	Monday		Brown.	200	80	<b>基件</b>	38,22	to 24.E	ă.
Friday	3		4.7		80	\$3,3	١.	31, 19	Tuesda,			308			200, 546	. JiB, D	ö
switzerd.			398		25	\$1,2	1	503 200	Wednes.	.50		43	v	82	30,68	28,M	ė
Same Name	2		76.5		81	500, 29		MINAS.							Sec.	-	

Wind-S E. on the 4th and 5th, S. on the 6th, W. on the 7th, since E.W. When-d. E. on the cits and cits, is, on the Mb, W. on the 70s, since E. W.
On the cits, and following day, overcoast; the 6th, secondary consequences of the cits, as the cits, overcoast; the first, overcoast; the first, closedy, exeming days; the fifth, generally closely; 10th, overcoast; the inth, closedy, exemine at times between 11 and 12.
Panisone: Falls or Microsca.—We have to remind our readers that Salorday, the trick less; this fact, is about the true for the pressure or viges of the meteoric phenomena, perhaps before known by the name of "Navassber microsca."

Change Habby Aparts.

## LATEST CURRENT PRICES OF METALS. LONDON, NOVEMBER 12, 1841.

4.4	4.4
non, Eng Bar fon 000 to 7 0 6	Corres - (preign (de 37a) 4 4 6
Do, Carr. in Wales 6 0 0	Cas, BritBlocks
Hoops fon 9 16 6	
Sheets,	
Pig. No. I fon 4 15 0	
	Straits 0 0 0 to 3 11 0
	Tin Piates-1.c. (box) 1 10 0 to 1 12 0
breign-   Swedes, ca. bd. ton 13 10 a	
Russian com fon 14 0 0	(Others in proportion.)
buty 30s. ] P.S.t fon 15 0 0	Luan, Brit Pig 400 26 0 0
per ton. L c.c.n.p. /on 19 0 0	Sheet fog 21 0 4
TERL, Eng. Blistered, 25 0 0 to 45 0 0	Shot fon 22 0 0
Shear do. do. 45 0 0 84 0 A	Red for 21 0 0
Cast do. do. 45 0 0 84 0 0	White (dry) ton 26 0
oreign-   Swedenin kgs bd ton 18 10 0	Do. (gd. in oil) ten 241 a 242
Duty 20   Do. Faggots &d. fon 19 10 0	The state of the s
er cent. Milan bd. ton 0 0 0	- control of the country of the coun
orrun, lirit Cake fon pa o o	
Tile do. 36 0 0	For delivery 32 0 6 to 35 15 0
	English Sheets 47/ a 454
Elicets 16. 0 0 114	Quickett.van-(dy. id. per ib.) 0 2 11

EXPORTATION OF GOLD AND SILVER.—By the official return published by e Customs, the export of the precious metals from the port of London to foreign id colonial ports, for the week ending Thursday, the 4th inst., was as under:—

Silver	coin		Hamburgh	40,445	ounces.	
	54		British West Indies	1,900		
Wilmer	Page .		Rotterdam	24,000		
BHVET		13	Rotterdam	7,000		
	94		Hamburgh	1,000	84	

#### COAL MARKET, LONDON.

MONDAY.—Price of coals per ton at the close of the market:—Adair's Main 14 4—Nelson's West Hartley 18 6—Old Tandeid 14 6—Old Tandeid Moor 19—West Hartley 19 2—Wylam 16 6—Wall's End Blewicke and Co. 2:—Clarke and Co. 17 6—Clennell 17 6—Heaton 20 9—Killingworth 20—Northumberland 19—Riddeil's 26 6—Shaftoe 17 6—Braidyll's Hetton 22 6—East Hetton 2. 6—Hartlepool 22 3—South Willington 14—Tennant's Hartlepool, Adelaide, and Tees 21 8—Barrett 20 9—Tees Hetton 18 6—Hetton 20—Methley 17—8t. George's Fiery Vein 19,—Shipa arrived, 36.

WEDNESDAY.—Ball Robson's Hartley 18 6—East Pontop 14—Hebburn Main 19—Holywell Main 18 6—Leaze's Main 15—Original Windsor Pontop 17 3—Shipoote reshipped 14 6—Taylor's Hartley 19—Wylam 16 3—Wall's End Belmont 21—Eewicke and Co. 2!—Cennell 18 6—Hedley 20 6—Hotsput 19—Killingworth 20—Newmarch 19 3—Northumberland 19—South Killingworth 16—Todd's Besaham 14 6—Erack 19 7—Northumberland 19—South Killingworth 16—Todd's Besaham 14 6—Erack 29—Barrington Tees 18 3—Seymour Tees 20 6—Tees Hetton 21 9—Anthracite 29—Grange 29—Whitwell 29 9—Hartlepool 22 6—Keiloe 22 6—Adelaide 21 9—Evenwood 18 6.—Shipa arrived, 85.

FRIDAY.—Adair's Main 14 8—Bell Robson's Hartley 18—Chester Main 17—East

21 9—Evenwood 18 6.—Ships arrived, 86.

FRIDAY.—Adair's Main 14 9—Bell Robson's Hartley 18—Chester Main 17—East
Protop 14 6—Hebburn Main 18 6—Holywell Main 19—Leaze's Main 15—Marley
Hill 14 6—Ord's Redheugh 19—Original Windsor's Pontop 17 3—Ravenworth's
West Hartley 18 6—Smith's Poutop 16—Tambied Moor 19 6—Townley 15—West
Hartley 21—Wylam 16 6—Wall's End Clarke and Co. 17 6—Hotspur 19—Killingsworth 20—Ramsey 16—Riddell's 29—Braddyll's Hetton 22—Henout 29—Grange
29—Haswell 22—Hetton 22—Lambton 21 3—Pemberton 23—Berwart's 22 3—Castop 21 3—Hartlepool 21 9—Tennant's Hartlepool 2. 3—Barrett 20 9—Clarence Hetton 18 6—Gordon 19—Tecs Hetton 18 3—Tecs 21 3—Cowpen 19 6—Hartley 26 6—
8t. George Fiery Vein 19.—Ships arrived, 180.

#### PRICES OF MINING SHARES.

Shares. BRITISH MINES. Paid. Price Shares. BRITISH MINES. Paid. Price

500	Angiesey 5	6,000 Tin Croft 60 . 34 4
4,000	Bissoe Eridge 5 1	4,300 Tretoil
20,000	British fron 60 65die	1,000 Trevidgia
8,000	Biacnavon 45 20	1'0 Treviskey and Barrier 140
120	Brewer70	96 Tresavean 1400
79	Budnick 100	120 Trethelian 290
1,0uni	Carn Brea	4,000 United Hills 5 64
1.00	Copper Bottom 41 30	6,600 Wicklow Copper 5 .15
2,000	Cornubian Lead Co 2 2	3,845 West Wheal Jewel 9 4
6,000	Cornwall Great United 104., 14	1,000 Wheal Julia 64 A
	Cuddra 10 1	128 Wheal Kitty 60
512	Cook's Kitchen 60	FOREIGN MINES.
112	Charlestown 800	
5,000	Dartmoor Consols 5 2	5,000 Alten Mining Company 124 8
10,000	DurhamCountyCoalCo. 87 9	10,000 Anglo Mexican Co 100 4
2,000	Danescombe 2	3,374 Do. Subscription 25 1
6,000	De Dunstanville	2,000 Bolanos
1,000	Duffield	Ditto Scrip 15 3
1,200	East Mulberry Hills 34 1	10,000 Brazilian Imperial 20 . 5
236	East Pool 420	10,000 Bolivar 20 1
4,000	East Tretoil 1 2	10,000 Ditto Scrip 10 . 2
3,266	Great Wh. Prosper 74 44	10,000 Cata Branca   Brazilian 61. 74
	Great Wh. Charlotte 3 14	10,000 Conceicao Co. 4
0,000	Hibernian 124 34	12,000 Cobre CopperCompany 40 354
	Holmbash 14 41 2	8,500 Colombian Co. regis 55 2
2,000	Isie of Sark (Guernsey) 11 13	10,000 Cuplapo Mining Co 134 . 9
	Mining Co. of Ireland 7 154	20,000 General Mining Asso, 18 2
4,000	Polhreen 4 . 1	4,351 Mexican Company 58 2
3,000	Polberou Consols 10 . 4	12,600 Mocaubas and Cocaes 25 34 4
	Relistian	14,562 { Real del Monte, regis. 634 24
	Redmoor Consolidated 8 14	Do. unregistered 24
0,000	Rhymney Iron 50 14	Ditto Loan Notes 150 160
	Rosewall Hill 180 170	7,000 Horal Santiaco 10 . 165
	South Towas 10 1	11,000 St. John d'el Rey 144. 24
4,600	Tregolian 44 1	50,000 United Mexican 40 1
4,000	Treieigh Consols 4124 1	Black Scrip, addl. capital 8 2
4,505	Tamar Consola 1 1	Rec. New Scrip 5 3

### RAILWAY SHARE LIST AND THAFFIC RETURNS.

Line.	Katire Lgth.		Present ac-			Last week's Returns.
Arbreath and Forfar Railway	15	15	<b>€</b> 181,640	29	22	#190 6 54
Birmingham & Dechy June.	44	384	653,944	100	44	1162 16 4
Birmingham and Gioscester	824	16	1,613,723	100	5.5	1604 8 4
bester and Birkenhead	144	245	434,064	50	30	
Dublin and Kingstown		- 6	330, 200	100	274	288 18 ° 1
bundee and Articusth	158	168	1.54,554	25	24	208 7 8
Eastern Counties*	1254	374	1,424,170	28	78.4	723 7 4
Slangow and Ayr	31	40	699,345	49	40	975 A 18
Hangow and Paintey Joint	224	224	254,404	24	26	706 23 61
ld. June. & Chester & Crown	1113	115	2,192,047	100	200 -	9416 12 B
Ireat North of England	28	45	1,000,000	266	68	1291 14 6
iroal Western	110	110	5,200,044	65	an 794	11327 14 1
full and Selby	31	81	450,750	340	286 9	944 IP 6
ancaster & Preston June.	264	294	201,000	424	27.4	416 12 4 5
iverpool and Manchester	31	81	1,4:0,000	100	199	4114 14 4 1
codes and Birmingham	1124	1124	3,714,667	949	127 8	14511 12 .
medon and Harkwall	24	34	907,000	78 1		nes 13 4
redon and Brighton 1	404	eng :	12,000,530	5.0		1101 11 .
itto Shorekam Branch J	8.6	84	1	940	m. s	218 4 9
condon and Craydon	104	Ing 33	887,960	1.8	114 8	261 16 196
condon and Greenwich	3.0	82	795,800	26	44	525 8 4 E
condon and SouthWestern	84	22	1,261,617	- 264	38	4613 13 26
fanchester, Bolton, & Bury	10	10	779,806	903	3.6	C22 8 8
fanchester & Birmingham	45	A	1,104,012	40	21 20-9	A10 15 16 I
Inschester and Levin	346	50	1,533,166	76	36A	4149 15 8 1
Indiand Counties	100	87	1,440,796	100	85	2000 A L
irweastle and Carlisle	deg	my :	734,600	100	94	1878 By #15
orthern and Eastern!	294	154	Ald, SIA	36	25 4	740 8 8 10
orth Midland	FRE	724	2,809,697	100	CAL A	4182 3 4
meth Unions	39	29	\$50,000	28	734	1648 19 8
realism and Wyre	154	Ing	27'n,mm	80	80	293 8 4 5
Defect of any organization of	305		22%,043	224	(600)	123 8 4 2
ork and North Midland	28	20	445,500	200	RIA 4	14mf 17 # 12

\* Rest and toll to Rasters res. | The Liverpool and